

AD-A067 921

RADIATION RESEARCH ASSOCIATES INC FORT WORTH TEX
CALCULATIONAL PROCEDURE FOR EVALUATING TIME- AND SPATIAL-DEPEND--ETC(U)

F/G 18/8

APR 79 M B WELLS, R B LIVESAY

F08606-77-C-0008

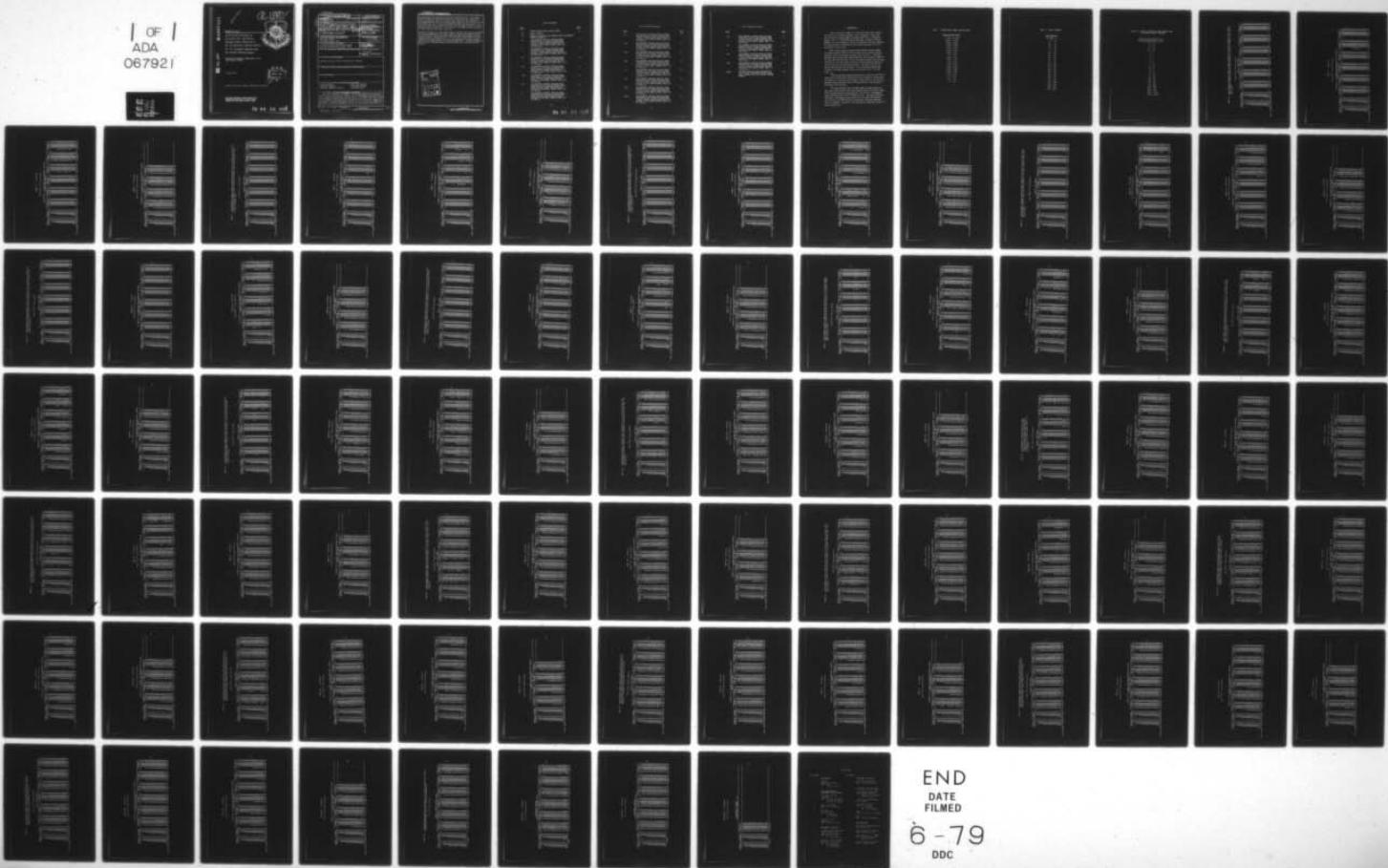
UNCLASSIFIED

RRA-T7814-4

AFTAC-TR-79-25

NL

1 OF 1
ADA
067921



END

DATE

FILMED

6-79

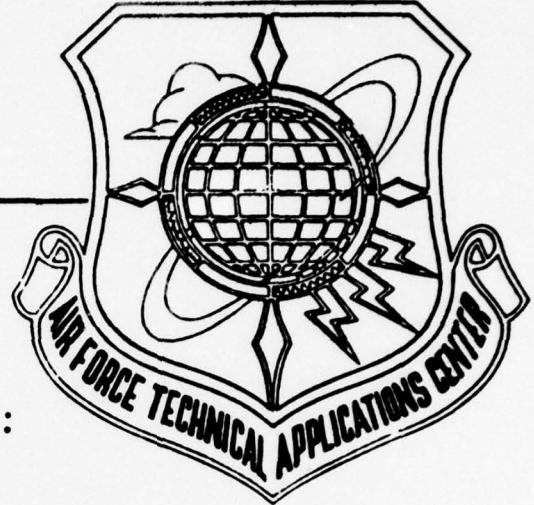
DDC

AD A067921

DDC FILE COPY

RD 67 920

2_{NW} LEVEL III

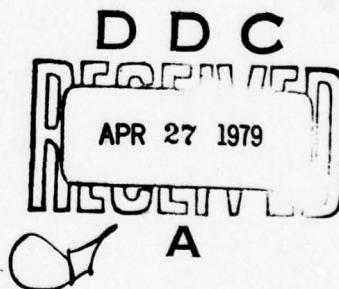


AFTAC-TR-79-25

CALCULATIONAL PROCEDURE FOR
EVALUATING TIME- AND SPATIAL-
DEPENDENT ENERGY DEPOSITION IN
AIR FOR ANISOTROPIC NUCLEAR SOURCES:
VOL. IV, SECONDARY GAMMA-RAY DATA
FOR ISOTROPIC NEUTRON SOURCES

Radiation Research Associates, Inc.
Fort Worth, Texas

2 April 1979



Approved for public release, distribution unlimited

AIR FORCE TECHNICAL APPLICATIONS CENTER
HEADQUARTERS UNITED STATES AIR FORCE
PATRICK AIR FORCE BASE, FLORIDA 32925

79 04 23 032

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE WHEN DATA ENTERED

<p style="text-align: center;">(19) REPORT DOCUMENTATION PAGE</p> <p>REPORT NUMBER AFTAC-TR-79-25</p>		<p>2. GOVT ACCESSION NO.</p>	<p>READ INSTRUCTIONS BEFORE COMPLETING FORM</p>						
<p>4. TITLE (and subtitle) CALCULATIONAL PROCEDURE FOR EVALUATING TIME- AND SPATIAL-DEPENDENT ENERGY DEPOSITION IN <i>Volume</i> AIR FOR ANISOTROPIC NUCLEAR SOURCES: <i>IV</i> SECONDARY GAMMA-RAY DATA FOR ISOTROPIC NEUTRON SOURCES</p>		<p>5. TYPE OF REPORT & PERIOD COVERED Technical Report</p>							
<p>7. AUTHOR(s) M. B. Wells R. B. Livesay</p>		<p>8. PERFORMING ORGANIZATION NAME AND ADDRESS RADIATION RESEARCH ASSOCIATES, INC. 3550 Hulen Street Fort Worth, Texas 76107</p>							
<p>11. CONTROLLING OFFICE NAME AND ADDRESS AIR FORCE TECHNICAL APPLICATIONS CENTER Patrick Air Force Base, Florida 32925</p>		<p>10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS <i>15</i> 12 91P.</p>							
<p>14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)</p>		<p>12. REPORT DATE <i>11</i> 2 April 1979</p>							
<p>16. DISTRIBUTION STATEMENT (of this Report)</p> <p>Approved for public release, distribution unlimited</p>		<p>13. NUMBER OF PAGES 91</p>							
<p>17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)</p>									
<p>18. SUPPLEMENTARY NOTES</p>									
<p>19. KEY WORDS (Continue on reverse side if necessary and identify by block number)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Neutron Transport</td> <td style="width: 50%;">Monte Carlo Methods</td> </tr> <tr> <td>Gamma-Ray Transport</td> <td>Anisotropic Sources</td> </tr> <tr> <td>Secondary Gamma-Ray Transport</td> <td>Line-Beam Sources</td> </tr> </table>				Neutron Transport	Monte Carlo Methods	Gamma-Ray Transport	Anisotropic Sources	Secondary Gamma-Ray Transport	Line-Beam Sources
Neutron Transport	Monte Carlo Methods								
Gamma-Ray Transport	Anisotropic Sources								
Secondary Gamma-Ray Transport	Line-Beam Sources								
<p>20. REMARKS (Continue on reverse side if necessary and identify by block number)</p> <p>This report describes the RENDER calculational procedure that was developed for use in evaluating the spatial- and time-dependent energy deposition in air produced by anisotropic nuclear sources. The RENDER procedure utilizes nuclear energy deposition data generated for conical sources that were originally computed for line-beam sources through use of the ZAP, ZAPN, ZAPGAM and DEPO codes. The energy deposition data for air that are input to RENDER were generated for neutron and gamma-ray sources and for secondary gamma rays re-</p>									

This report describes the RENDER calculational procedure that was developed for use in evaluating the spatial- and time-dependent energy deposition in air produced by anisotropic nuclear sources. The RENDER procedure utilizes nuclear energy deposition data generated for conical sources that were originally computed for line-beam sources through use of the ZAP, ZAPN, ZAPGAM and DEPO codes. The energy deposition data for air that are input to RENDER were generated for neutron and gamma-ray sources and for secondary gamma rays re-

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

294 300

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

sulting from neutron capture and inelastic scattering in air. The energy deposition data for line-beam sources and for point isotropic sources were found to compare favorably with similar data reported in the literature. The RENDER procedure was run utilizing energy deposition data from the conical source-data base for a 9-to-10-MeV gamma-ray source and the results of the convolution over source emission direction and time were found to be in good agreement with the input data, indicating that the RENDER procedure performs the time-and-angle convolution correctly.

Volumes II through IV of this report present tabulated data on the time dependent energy deposition in air versus range for neutron and gamma-ray point isotropic sources and for secondary gamma rays generated by point isotropic neutron sources. Also given in Vol. V are curve fit coefficients for use in computing the energy deposition in air versus distance and source emission angle for line beam sources of neutrons and gamma rays. Coefficient data are also given for secondary gamma-ray energy deposition by line beam neutron sources.

ADMISSION NO. [REDACTED]

RTB	White Section	<input checked="" type="checkbox"/>
SOC	Black Section	<input type="checkbox"/>
UNARMED		
JUSTIFICATION		
BY		
DISTRIBUTION/AVAILABILITY CODE		
BLK. ARBL. REG. OR SPECIAL		
		

TABLE OF CONTENTS

<u>TABLE</u>		<u>PAGE</u>
I.	NEUTRON SOURCE ENERGY INTERVAL BOUNDS	2
II.	RADIAL INTERVALS	3
III.	BOUNDS OF DEPOSITION TIME INTERVALS USED IN SECONDARY GAMMA-RAY PROBLEMS	
IV.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.001 TO 0.00335 MeV	5
V.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.00335 TO 0.00912 MeV	9
VI.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.00912 TO 0.0248 MeV	13
VII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.0248 TO 0.0676 MeV	17
VIII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.0676 TO 0.184 MeV	21
IX.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.184 TO 0.303 MeV	25
X.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.303 TO 0.50 MeV	29

LIST OF TABLES (Continued)

<u>Table</u>		<u>Page</u>
XI.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.50 TO 0.823 MeV	33
XII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.823 TO 1.353 MeV	37
XIII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 1.353 TO 1.738 MeV	41
XIV.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 1.738 TO 2.232 MeV	45
XV.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 2.232 TO 2.865 MeV	49
XVI.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 2.865 TO 3.680 MeV	53
XVII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 3.680 TO 6.070 MeV	57
XVIII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 6.070 TO 7.790 MeV	61

LIST OF TABLES (Continued)

<u>Table</u>		<u>Page</u>
XIX.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 7.790 TO 10.0 MeV	65
XX.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 10.0 TO 12.0 MeV	69
XXI.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 12.0 TO 13.5 MeV	73
XXII.	TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 13.5 TO 15.0 MeV	77
XXIII.	SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE AND NEUTRON SOURCE ENERGY INTERVAL FOR POINT ISOTROPIC NEUTRON SOURCES	81

I. INTRODUCTION

This is the fourth volume of a five-volume report which presents the results of an extensive parameter study on gamma-ray, neutron and neutron-produced secondary gamma ray energy deposition in a homogeneous medium of air ($\rho = 1.225 \times 10^{-3} \text{ g/cm}^3$) and describes a computer procedure (RENDER) which was developed to utilize the parametric data when computing the time and spatial distributions of the energy deposition in air for anisotropic nuclear sources.

This volume presents calculated time dependent secondary gamma-ray energy deposition data for point isotropic neutron sources emitting radiation in the source energy intervals listed in Table I. The radial intervals used in storing the energy deposition data are given in Table II. The delay time intervals used to store the energy deposition data are given in Table III. The delay time is the time of energy deposition minus the time of arrival of the uncollided radiation. All source neutrons were emitted instantaneously by the source. The calculational methods used to compute the energy deposition data are described in Vol. I of this report.

The time dependent energy deposition data in units of $\text{keV m}^{-3} \text{ sec}^{-1}$ /source neutron versus radial distance are given in Tables IV through XXII. The numbers at the bottom of each column in these tables is the total time dependent energy deposition ($\text{keV sec}^{-1}/\text{source neutron}$) occurring within 1500 meters from the source.

The time-integrated total secondary gamma-ray energy deposition data versus radial distance and source-energy interval are listed in Table XXIII for point-isotropic neutron sources. The units for the gamma-ray energy deposition data are $\text{keV m}^{-3}/\text{source neutron}$. The energy deposition data given in Table XXIII can be converted to air kerma rate (exposure rate in air ($\rho = 1.225 \times 10^{-3} \text{ g/cm}^3$)) by multiplying the energy deposition data by 4.708×10^{11} . The units of the resulting air kerma rate is $\text{rad hr}^{-1}/\text{source neutron sec}^{-1}$.

TABLE I. NEUTRON SOURCE ENERGY INTERVAL BOUNDS

<u>Energy Interval (MeV)</u>
0.001 - 0.00335
0.00335 - 0.0912
0.0912 - 0.0248
0.0248 - 0.0676
0.0676 - 0.184
0.184 - 0.303
0.303 - 0.50
0.50 - 0.823
0.823 - 1.353
1.353 - 1.738
1.738 - 2.232
2.232 - 2.865
2.865 - 3.680
3.680 - 6.070
6.070 - 7.790
7.790 - 10.0
10.0 - 12.0
12.0 - 13.5
13.5 - 15.0

TABLE II. RADIAL INTERVALS

Radial Interval (m)

0 - 10
10 - 20
20 - 40
40 - 60
60 - 80
80 - 100
100 - 125
125 - 150
150 - 175
175 - 200
200 - 250
250 - 300
300 - 350
350 - 400
400 - 450
450 - 500
500 - 600
600 - 800
800 - 1000
1000 - 1200
1200 - 1500

TABLE III. BOUNDS OF DEPOSITION TIME INTERVALS USED
IN SECONDARY GAMMA-RAY PROBLEMS

DEPOSITION TIME INTERVAL (μ sec)
0 - 0.2
0.2 - 0.3
0.3 - 0.5
0.5 - 1.0
1 - 2
2 - 3
3 - 5
5 - 7
7 - 10
10 - 20
20 - 35
35 - 50
50 - 70
70 - 100
100 - 200
200 - 400
400 - 700
700 - 1000
1000 - 2000
2000 - 3500
3500 - 15000
15000 - 100,000

TABLE IV. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.001 TO 0.00335 MeV

		(keV m ⁻³ sec ⁻¹ / source neutron)			
		DELAY TIME (SEC)			
		.00E 00	2.00E 07	3.00E 07	5.00E 07
RADIAL DISTANCE INTERVAL (METERS)		2.00E-07	3.00E-07	5.00E-07	1.00E-06
0.0	-	0.0	0.0	0.0	0.0
10.0	-	2.0	0.0	0.0	0.0
20.0	-	4.0	0.0	0.0	0.0
30.0	-	6.0	0.0	0.0	0.0
40.0	-	8.0	0.0	0.0	0.0
50.0	-	10.0	0.0	0.0	0.0
60.0	-	12.5	0.0	0.0	0.0
70.0	-	15.0	0.0	0.0	0.0
80.0	-	17.5	0.0	0.0	0.0
90.0	-	20.0	0.0	0.0	0.0
100.0	-	25.0	0.0	0.0	0.0
110.0	-	30.0	0.0	0.0	0.0
120.0	-	35.0	0.0	0.0	0.0
130.0	-	40.0	0.0	0.0	0.0
140.0	-	45.0	0.0	0.0	0.0
150.0	-	50.0	0.0	0.0	0.0
160.0	-	55.0	0.0	0.0	0.0
170.0	-	60.0	0.0	0.0	0.0
180.0	-	65.0	0.0	0.0	0.0
190.0	-	70.0	0.0	0.0	0.0
200.0	-	75.0	0.0	0.0	0.0
210.0	-	80.0	0.0	0.0	0.0
220.0	-	85.0	0.0	0.0	0.0
230.0	-	90.0	0.0	0.0	0.0
240.0	-	95.0	0.0	0.0	0.0
250.0	-	100.0	0.0	0.0	0.0
260.0	-	105.0	0.0	0.0	0.0
270.0	-	110.0	0.0	0.0	0.0
280.0	-	115.0	0.0	0.0	0.0
290.0	-	120.0	0.0	0.0	0.0
300.0	-	125.0	0.0	0.0	0.0
310.0	-	130.0	0.0	0.0	0.0
320.0	-	135.0	0.0	0.0	0.0
330.0	-	140.0	0.0	0.0	0.0
340.0	-	145.0	0.0	0.0	0.0
350.0	-	150.0	0.0	0.0	0.0
360.0	-	155.0	0.0	0.0	0.0
370.0	-	160.0	0.0	0.0	0.0
380.0	-	165.0	0.0	0.0	0.0
390.0	-	170.0	0.0	0.0	0.0
400.0	-	175.0	0.0	0.0	0.0
410.0	-	180.0	0.0	0.0	0.0
420.0	-	185.0	0.0	0.0	0.0
430.0	-	190.0	0.0	0.0	0.0
440.0	-	195.0	0.0	0.0	0.0
450.0	-	200.0	0.0	0.0	0.0
460.0	-	205.0	0.0	0.0	0.0
470.0	-	210.0	0.0	0.0	0.0
480.0	-	215.0	0.0	0.0	0.0
490.0	-	220.0	0.0	0.0	0.0
500.0	-	225.0	0.0	0.0	0.0
510.0	-	230.0	0.0	0.0	0.0
520.0	-	235.0	0.0	0.0	0.0
530.0	-	240.0	0.0	0.0	0.0
540.0	-	245.0	0.0	0.0	0.0
550.0	-	250.0	0.0	0.0	0.0
560.0	-	255.0	0.0	0.0	0.0
570.0	-	260.0	0.0	0.0	0.0
580.0	-	265.0	0.0	0.0	0.0
590.0	-	270.0	0.0	0.0	0.0
600.0	-	275.0	0.0	0.0	0.0
610.0	-	280.0	0.0	0.0	0.0
620.0	-	285.0	0.0	0.0	0.0
630.0	-	290.0	0.0	0.0	0.0
640.0	-	295.0	0.0	0.0	0.0
650.0	-	300.0	0.0	0.0	0.0
660.0	-	305.0	0.0	0.0	0.0
670.0	-	310.0	0.0	0.0	0.0
680.0	-	315.0	0.0	0.0	0.0
690.0	-	320.0	0.0	0.0	0.0
700.0	-	325.0	0.0	0.0	0.0
710.0	-	330.0	0.0	0.0	0.0
720.0	-	335.0	0.0	0.0	0.0
730.0	-	340.0	0.0	0.0	0.0
740.0	-	345.0	0.0	0.0	0.0
750.0	-	350.0	0.0	0.0	0.0
760.0	-	355.0	0.0	0.0	0.0
770.0	-	360.0	0.0	0.0	0.0
780.0	-	365.0	0.0	0.0	0.0
790.0	-	370.0	0.0	0.0	0.0
800.0	-	375.0	0.0	0.0	0.0
810.0	-	380.0	0.0	0.0	0.0
820.0	-	385.0	0.0	0.0	0.0
830.0	-	390.0	0.0	0.0	0.0
840.0	-	395.0	0.0	0.0	0.0
850.0	-	400.0	0.0	0.0	0.0
860.0	-	405.0	0.0	0.0	0.0
870.0	-	410.0	0.0	0.0	0.0
880.0	-	415.0	0.0	0.0	0.0
890.0	-	420.0	0.0	0.0	0.0
900.0	-	425.0	0.0	0.0	0.0
910.0	-	430.0	0.0	0.0	0.0
920.0	-	435.0	0.0	0.0	0.0
930.0	-	440.0	0.0	0.0	0.0
940.0	-	445.0	0.0	0.0	0.0
950.0	-	450.0	0.0	0.0	0.0
960.0	-	455.0	0.0	0.0	0.0
970.0	-	460.0	0.0	0.0	0.0
980.0	-	465.0	0.0	0.0	0.0
990.0	-	470.0	0.0	0.0	0.0
1000.0	-	475.0	0.0	0.0	0.0
1100.0	-	480.0	0.0	0.0	0.0
1200.0	-	485.0	0.0	0.0	0.0
1300.0	-	490.0	0.0	0.0	0.0
1400.0	-	495.0	0.0	0.0	0.0
1500.0	-	500.0	0.0	0.0	0.0
1600.0	-	505.0	0.0	0.0	0.0
1700.0	-	510.0	0.0	0.0	0.0
1800.0	-	515.0	0.0	0.0	0.0
1900.0	-	520.0	0.0	0.0	0.0
2000.0	-	525.0	0.0	0.0	0.0
2100.0	-	530.0	0.0	0.0	0.0
2200.0	-	535.0	0.0	0.0	0.0
2300.0	-	540.0	0.0	0.0	0.0
2400.0	-	545.0	0.0	0.0	0.0
2500.0	-	550.0	0.0	0.0	0.0
2600.0	-	555.0	0.0	0.0	0.0
2700.0	-	560.0	0.0	0.0	0.0
2800.0	-	565.0	0.0	0.0	0.0
2900.0	-	570.0	0.0	0.0	0.0
3000.0	-	575.0	0.0	0.0	0.0
3100.0	-	580.0	0.0	0.0	0.0
3200.0	-	585.0	0.0	0.0	0.0
3300.0	-	590.0	0.0	0.0	0.0
3400.0	-	595.0	0.0	0.0	0.0
3500.0	-	600.0	0.0	0.0	0.0
3600.0	-	605.0	0.0	0.0	0.0
3700.0	-	610.0	0.0	0.0	0.0
3800.0	-	615.0	0.0	0.0	0.0
3900.0	-	620.0	0.0	0.0	0.0
4000.0	-	625.0	0.0	0.0	0.0
4100.0	-	630.0	0.0	0.0	0.0
4200.0	-	635.0	0.0	0.0	0.0
4300.0	-	640.0	0.0	0.0	0.0
4400.0	-	645.0	0.0	0.0	0.0
4500.0	-	650.0	0.0	0.0	0.0
4600.0	-	655.0	0.0	0.0	0.0
4700.0	-	660.0	0.0	0.0	0.0
4800.0	-	665.0	0.0	0.0	0.0
4900.0	-	670.0	0.0	0.0	0.0
5000.0	-	675.0	0.0	0.0	0.0
5100.0	-	680.0	0.0	0.0	0.0
5200.0	-	685.0	0.0	0.0	0.0
5300.0	-	690.0	0.0	0.0	0.0
5400.0	-	695.0	0.0	0.0	0.0
5500.0	-	700.0	0.0	0.0	0.0
5600.0	-	705.0	0.0	0.0	0.0
5700.0	-	710.0	0.0	0.0	0.0
5800.0	-	715.0	0.0	0.0	0.0
5900.0	-	720.0	0.0	0.0	0.0
6000.0	-	725.0	0.0	0.0	0.0
6100.0	-	730.0	0.0	0.0	0.0
6200.0	-	735.0	0.0	0.0	0.0
6300.0	-	740.0	0.0	0.0	0.0
6400.0	-	745.0	0.0	0.0	0.0
6500.0	-	750.0	0.0	0.0	0.0
6600.0	-	755.0	0.0	0.0	0.0
6700.0	-	760.0	0.0	0.0	0.0
6800.0	-	765.0	0.0	0.0	0.0
6900.0	-	770.0	0.0	0.0	0.0
7000.0	-	775.0	0.0	0.0	0.0
7100.0	-	780.0	0.0	0.0	0.0
7200.0	-	785.0	0.0	0.0	0.0
7300.0	-	790.0	0.0	0.0	0.0
7400.0	-	795.0	0.0	0.0	0.0
7500.0	-	800.0	0.0	0.0	0.0
7600.0	-	805.0	0.0	0.0	0.0
7700.0	-	810.0	0.0	0.0	0.0
7800.0	-	815.0	0.0	0.0	0.0
7900.0	-	820.0	0.0	0.0	0.0
8000.0	-	825.0	0.0	0.0	0.0
8100.0	-	830.0	0.0	0.0	0.0
8200.0	-	835.0	0.0	0.0	0.0
8300.0	-	840.0	0.0	0.0	0.0
8400.0	-	845.0	0.0	0.0	0.0
8500.0	-	850.0	0.0	0.0	0.0
8600.0	-	855.0	0.0	0.0	0.0
8700.0	-	860.0	0.0	0.0	0.0
8800.0	-	865.0	0.0	0.0	0.0
8900.0	-	870.0	0.0	0.0	0.0
9000.0	-	875.0	0.0	0.0	0.0
9100.0	-	880.0	0.0	0.0	0.0
9200.0	-	885.0	0.0	0.0	0.0
9300.0	-	890.0	0.0	0.0	0.0
9400.0	-	895.0	0.0	0.0	0.0
9500.0	-	900.0	0.0	0.0	0.0
9600.0	-	905.0	0.0	0.0	0.0
9700.0	-	910.0	0.0	0.0	0.0
9800.0	-	915.0	0.0	0.0	0.0
9900.0	-	920.0	0.0	0.0	0.0
10000.0	-	925.0	0.0	0.0	0.0
TOTAL ENERGY DEPOSITION/SEC		.000E 00	.000E 00	.000E 00	.000E 00

TABLE IV. (Continued)

TABLE IV. (Continued)

RADIAL DISTANCE INTERVAL (METERS)	TIME (SEC)	TOTAL ENERGY DEPOSITION/SEC
5.00E-05	7.00E-05	5.00E-05
5.7.00E-05	1.00E-04	7.00E-05
1.00E-04	1.00E-04	1.00E-04
1.20E-04	2.00E-04	2.00E-04
1.40E-04	4.00E-04	4.00E-04
1.60E-04	7.00E-04	7.00E-04
1.80E-04	1.00E-04	1.00E-04
2.00E-04	1.00E-04	1.00E-04
2.20E-04	1.00E-04	1.00E-04
2.40E-04	1.00E-04	1.00E-04
2.60E-04	1.00E-04	1.00E-04
2.80E-04	1.00E-04	1.00E-04
3.00E-04	1.00E-04	1.00E-04
3.20E-04	1.00E-04	1.00E-04
3.40E-04	1.00E-04	1.00E-04
3.60E-04	1.00E-04	1.00E-04
3.80E-04	1.00E-04	1.00E-04
4.00E-04	1.00E-04	1.00E-04
4.20E-04	1.00E-04	1.00E-04
4.40E-04	1.00E-04	1.00E-04
4.60E-04	1.00E-04	1.00E-04
4.80E-04	1.00E-04	1.00E-04
5.00E-04	1.00E-04	1.00E-04
5.20E-04	1.00E-04	1.00E-04
5.40E-04	1.00E-04	1.00E-04
5.60E-04	1.00E-04	1.00E-04
5.80E-04	1.00E-04	1.00E-04
6.00E-04	1.00E-04	1.00E-04
6.20E-04	1.00E-04	1.00E-04
6.40E-04	1.00E-04	1.00E-04
6.60E-04	1.00E-04	1.00E-04
6.80E-04	1.00E-04	1.00E-04
7.00E-04	1.00E-04	1.00E-04
7.20E-04	1.00E-04	1.00E-04
7.40E-04	1.00E-04	1.00E-04
7.60E-04	1.00E-04	1.00E-04
7.80E-04	1.00E-04	1.00E-04
8.00E-04	1.00E-04	1.00E-04
8.20E-04	1.00E-04	1.00E-04
8.40E-04	1.00E-04	1.00E-04
8.60E-04	1.00E-04	1.00E-04
8.80E-04	1.00E-04	1.00E-04
9.00E-04	1.00E-04	1.00E-04
9.20E-04	1.00E-04	1.00E-04
9.40E-04	1.00E-04	1.00E-04
9.60E-04	1.00E-04	1.00E-04
9.80E-04	1.00E-04	1.00E-04
1.00E-03	1.00E-03	1.00E-03

TABLE IV. (Continued)

TABLE V. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.00335 TO 0.00912 MeV

(keV m⁻³ sec⁻¹ / source neutron)

TABLE V. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1} / \text{source neutron})$

TABLE V. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1}) / \text{source neutron}$

RADIAL DISTANCE INTERVAL (METERS)	TIME (SEC)		TOTAL ENERGY DEPOSITION/SEC
	5.00E-05	7.00E-05	
5.7.10E-05	1.00E-04	1.00E-04	7.00E-04
1.0.	2.00E-04	2.00E-04	4.00E-04
1.24	4.00E-04	4.00E-04	7.00E-04
1.24	6.00E-05	6.00E-05	1.00E-04
1.24	8.00E-05	8.00E-05	1.20E-04
1.24	1.00E-04	1.00E-04	1.40E-04
1.24	1.20E-04	1.20E-04	1.60E-04
1.24	1.40E-04	1.40E-04	1.80E-04
1.24	1.60E-04	1.60E-04	2.00E-04
1.24	1.80E-04	1.80E-04	2.20E-04
1.24	2.00E-04	2.00E-04	2.40E-04
1.24	2.20E-04	2.20E-04	2.60E-04
1.24	2.40E-04	2.40E-04	2.80E-04
1.24	2.60E-04	2.60E-04	3.00E-04
1.24	2.80E-04	2.80E-04	3.20E-04
1.24	3.00E-04	3.00E-04	3.40E-04
1.24	3.20E-04	3.20E-04	3.60E-04
1.24	3.40E-04	3.40E-04	3.80E-04
1.24	3.60E-04	3.60E-04	4.00E-04
1.24	3.80E-04	3.80E-04	4.20E-04
1.24	4.00E-04	4.00E-04	4.40E-04
1.24	4.20E-04	4.20E-04	4.60E-04
1.24	4.40E-04	4.40E-04	4.80E-04
1.24	4.60E-04	4.60E-04	5.00E-04
1.24	4.80E-04	4.80E-04	5.20E-04
1.24	5.00E-04	5.00E-04	5.40E-04
1.24	5.20E-04	5.20E-04	5.60E-04
1.24	5.40E-04	5.40E-04	5.80E-04
1.24	5.60E-04	5.60E-04	6.00E-04
1.24	5.80E-04	5.80E-04	6.20E-04
1.24	6.00E-04	6.00E-04	6.40E-04
1.24	6.20E-04	6.20E-04	6.60E-04
1.24	6.40E-04	6.40E-04	6.80E-04
1.24	6.60E-04	6.60E-04	7.00E-04
1.24	6.80E-04	6.80E-04	7.20E-04
1.24	7.00E-04	7.00E-04	7.40E-04
1.24	7.20E-04	7.20E-04	7.60E-04
1.24	7.40E-04	7.40E-04	7.80E-04
1.24	7.60E-04	7.60E-04	8.00E-04
1.24	7.80E-04	7.80E-04	8.20E-04
1.24	8.00E-04	8.00E-04	8.40E-04
1.24	8.20E-04	8.20E-04	8.60E-04
1.24	8.40E-04	8.40E-04	8.80E-04
1.24	8.60E-04	8.60E-04	9.00E-04
1.24	8.80E-04	8.80E-04	9.20E-04
1.24	9.00E-04	9.00E-04	9.40E-04
1.24	9.20E-04	9.20E-04	9.60E-04
1.24	9.40E-04	9.40E-04	9.80E-04
1.24	9.60E-04	9.60E-04	1.00E-03
1.24	9.80E-04	9.80E-04	1.02E-03
1.24	1.00E-03	1.00E-03	1.04E-03
1.24	1.02E-03	1.02E-03	1.06E-03
1.24	1.04E-03	1.04E-03	1.08E-03
1.24	1.06E-03	1.06E-03	1.10E-03
1.24	1.08E-03	1.08E-03	1.12E-03
1.24	1.10E-03	1.10E-03	1.14E-03
1.24	1.12E-03	1.12E-03	1.16E-03
1.24	1.14E-03	1.14E-03	1.18E-03
1.24	1.16E-03	1.16E-03	1.20E-03
1.24	1.18E-03	1.18E-03	1.22E-03
1.24	1.20E-03	1.20E-03	1.24E-03
1.24	1.22E-03	1.22E-03	1.26E-03
1.24	1.24E-03	1.24E-03	1.28E-03
1.24	1.26E-03	1.26E-03	1.30E-03
1.24	1.28E-03	1.28E-03	1.32E-03
1.24	1.30E-03	1.30E-03	1.34E-03
1.24	1.32E-03	1.32E-03	1.36E-03
1.24	1.34E-03	1.34E-03	1.38E-03
1.24	1.36E-03	1.36E-03	1.40E-03
1.24	1.38E-03	1.38E-03	1.42E-03
1.24	1.40E-03	1.40E-03	1.44E-03
1.24	1.42E-03	1.42E-03	1.46E-03
1.24	1.44E-03	1.44E-03	1.48E-03
1.24	1.46E-03	1.46E-03	1.50E-03
1.24	1.48E-03	1.48E-03	1.52E-03
1.24	1.50E-03	1.50E-03	1.54E-03
1.24	1.52E-03	1.52E-03	1.56E-03
1.24	1.54E-03	1.54E-03	1.58E-03
1.24	1.56E-03	1.56E-03	1.60E-03
1.24	1.58E-03	1.58E-03	1.62E-03
1.24	1.60E-03	1.60E-03	1.64E-03
1.24	1.62E-03	1.62E-03	1.66E-03
1.24	1.64E-03	1.64E-03	1.68E-03
1.24	1.66E-03	1.66E-03	1.70E-03
1.24	1.68E-03	1.68E-03	1.72E-03
1.24	1.70E-03	1.70E-03	1.74E-03
1.24	1.72E-03	1.72E-03	1.76E-03
1.24	1.74E-03	1.74E-03	1.78E-03
1.24	1.76E-03	1.76E-03	1.80E-03
1.24	1.78E-03	1.78E-03	1.82E-03
1.24	1.80E-03	1.80E-03	1.84E-03
1.24	1.82E-03	1.82E-03	1.86E-03
1.24	1.84E-03	1.84E-03	1.88E-03
1.24	1.86E-03	1.86E-03	1.90E-03
1.24	1.88E-03	1.88E-03	1.92E-03
1.24	1.90E-03	1.90E-03	1.94E-03
1.24	1.92E-03	1.92E-03	1.96E-03
1.24	1.94E-03	1.94E-03	1.98E-03
1.24	1.96E-03	1.96E-03	2.00E-03
1.24	1.98E-03	1.98E-03	2.02E-03
1.24	2.00E-03	2.00E-03	2.04E-03
1.24	2.02E-03	2.02E-03	2.06E-03
1.24	2.04E-03	2.04E-03	2.08E-03
1.24	2.06E-03	2.06E-03	2.10E-03
1.24	2.08E-03	2.08E-03	2.12E-03
1.24	2.10E-03	2.10E-03	2.14E-03
1.24	2.12E-03	2.12E-03	2.16E-03
1.24	2.14E-03	2.14E-03	2.18E-03
1.24	2.16E-03	2.16E-03	2.20E-03
1.24	2.18E-03	2.18E-03	2.22E-03
1.24	2.20E-03	2.20E-03	2.24E-03
1.24	2.22E-03	2.22E-03	2.26E-03
1.24	2.24E-03	2.24E-03	2.28E-03
1.24	2.26E-03	2.26E-03	2.30E-03
1.24	2.28E-03	2.28E-03	2.32E-03
1.24	2.30E-03	2.30E-03	2.34E-03
1.24	2.32E-03	2.32E-03	2.36E-03
1.24	2.34E-03	2.34E-03	2.38E-03
1.24	2.36E-03	2.36E-03	2.40E-03
1.24	2.38E-03	2.38E-03	2.42E-03
1.24	2.40E-03	2.40E-03	2.44E-03
1.24	2.42E-03	2.42E-03	2.46E-03
1.24	2.44E-03	2.44E-03	2.48E-03
1.24	2.46E-03	2.46E-03	2.50E-03
1.24	2.48E-03	2.48E-03	2.52E-03
1.24	2.50E-03	2.50E-03	2.54E-03
1.24	2.52E-03	2.52E-03	2.56E-03
1.24	2.54E-03	2.54E-03	2.58E-03
1.24	2.56E-03	2.56E-03	2.60E-03
1.24	2.58E-03	2.58E-03	2.62E-03
1.24	2.60E-03	2.60E-03	2.64E-03
1.24	2.62E-03	2.62E-03	2.66E-03
1.24	2.64E-03	2.64E-03	2.68E-03
1.24	2.66E-03	2.66E-03	2.70E-03
1.24	2.68E-03	2.68E-03	2.72E-03
1.24	2.70E-03	2.70E-03	2.74E-03
1.24	2.72E-03	2.72E-03	2.76E-03
1.24	2.74E-03	2.74E-03	2.78E-03
1.24	2.76E-03	2.76E-03	2.80E-03
1.24	2.78E-03	2.78E-03	2.82E-03
1.24	2.80E-03	2.80E-03	2.84E-03
1.24	2.82E-03	2.82E-03	2.86E-03
1.24	2.84E-03	2.84E-03	2.88E-03
1.24	2.86E-03	2.86E-03	2.90E-03
1.24	2.88E-03	2.88E-03	2.92E-03
1.24	2.90E-03	2.90E-03	2.94E-03
1.24	2.92E-03	2.92E-03	2.96E-03
1.24	2.94E-03	2.94E-03	2.98E-03
1.24	2.96E-03	2.96E-03	3.00E-03
1.24	2.98E-03	2.98E-03	3.02E-03
1.24	3.00E-03	3.00E-03	3.04E-03
1.24	3.02E-03	3.02E-03	3.06E-03
1.24	3.04E-03	3.04E-03	3.08E-03
1.24	3.06E-03	3.06E-03	3.10E-03
1.24	3.08E-03	3.08E-03	3.12E-03
1.24	3.10E-03	3.10E-03	3.14E-03
1.24	3.12E-03	3.12E-03	3.16E-03
1.24	3.14E-03	3.14E-03	3.18E-03
1.24	3.16E-03	3.16E-03	3.20E-03
1.24	3.18E-03	3.18E-03	3.22E-03
1.24	3.20E-03	3.20E-03	3.24E-03
1.24	3.22E-03	3.22E-03	3.26E-03
1.24	3.24E-03	3.24E-03	3.28E-03
1.24	3.26E-03	3.26E-03	3.30E-03
1.24	3.28E-03	3.28E-03	3.32E-03
1.24	3.30E-03	3.30E-03	3.34E-03
1.24	3.32E-03	3.32E-03	3.36E-03
1.24	3.34E-03	3.34E-03	3.38E-03
1.24	3.36E-03	3.36E-03	3.40E-03
1.24	3.38E-03	3.38E-03	3.42E-03
1.24	3.40E-03	3.40E-03	3.44E-03
1.24	3.42E-03	3.42E-03	3.46E-03
1.24	3.44E-03	3.44E-03	3.48E-03
1.24	3.46E-03	3.46E-03	3.50E-03
1.24	3.48E-03	3.48E-03	3.52E-03
1.24	3.50E-03	3.50E-03	3.54E-03
1.24	3.52E-03	3.52E-03	3.56E-03
1.24	3.54E-03	3.54E-03	3.58E-03
1.24	3.56E-03	3.56E-03	3.60E-03
1.24	3.58E-03	3.58E-03	3.62E-03
1.24	3.60E-03	3.60E-03	3.64E-03
1.24	3.62E-03	3.62E-03	3.66E-03
1.24	3.64E-03	3.64E-03	3.68E-03
1.24	3.66E-03	3.66E-03	3.70E-03
1.24	3.68E-03	3.68E-03	3.72E-03
1.24	3.70E-03	3.70E-03	3.74E-03
1.24	3.72E-03	3.72E-03	3.76E-03
1.24	3.74E-03	3.74E-03	3.78E-03
1.24	3.76E-03	3.76E-03	3.80E-03
1.24	3.78E-03	3.78E-03	3.82E-03
1.24	3.80E-03	3.80E-03	3.84E-03
1.24	3.82E-03	3.82E-03	3.86E-03
1.24	3.84E-03	3.84E-03	3.88E-03
1.24	3.86E-03	3.86E-03	3.90E-03
1.24	3.88E-03	3.88E-03	3.92E-03
1.24	3.90E-03	3.90E-03	3.94E-03
1.24	3.92E-03	3.92E-03	3.96E-03
1.24	3.94E-03	3.94E-03	3.98E-03
1.24	3.96E-03	3.96E-03	4.00E-03
1.24	3.98E-03	3.98E-03	4.02E-03
1.24	4.00E-03	4.00E-03	4.04E-03
1.24	4.02E-03	4.02E-03	4.06E-03
1.24	4.04E-03	4.04E-03	4.08E-03
1.24	4.06E-03	4.06E-03	4.10E-03
1.24	4.08E-03	4.08E-03	4.12E-03
1.24	4.10E-03	4.10E-03	4.14E-03
1.24	4.12E-03	4.12E-03	4.16E-03
1.24	4.14E-03	4.14E-03	4.18E-03
1.24	4.16E-03	4.16E-03	4.20E-03
1.24	4.18E-03	4.18E-03	4.22E-03
1.24	4.20E-03	4.20E-03	4.24E-03
1.24	4.22E-03	4.22E-03	4.26E-03
1.24	4.24E-03	4.24E-03	4.28E-03
1.24	4.26E-03	4.26E-03	4.30E-03
1.24	4.28E-03	4.28E-03	4.32E-03
1.24	4.30E-03	4.30E-03	4.34E-03
1.24	4.32E-03	4.32E-03	4.36E-03
1.24	4.34E-03	4.34E-03	4.38E-03
1.24	4.36E-03	4.36E-03	4.40E-03
1.24	4.38E-03	4.38E-03	4.42E-03
1.24	4.40E-03	4.40E-03	4.44E-03
1.24	4.42E-03	4.42E-03	4.46E-03
1.24	4.44E-03	4.44E-03	4.48E-03
1.24	4.46E-03	4.46E-03	4.50E-03
1.24	4.48E-03	4.48E-03	4.52E-03
1.24	4.50E-03	4.50E-03	4.54E-03
1.24	4.52E-03	4.52E-03	4.56E-03
1.24	4.54E-03	4.54E-03	4.58E-03
1.24	4.56E-03	4.56E-03	4.60E-03
1.24	4.58E-03	4.58E-03	4.62E-03</td

TABLE V. (Continued)
 (keV m⁻³ sec⁻¹ / source neutron)

3.350E-03 TO 9.120E-03 MEV SECONDARY GAMMAS		TOTAL ENERGY DEPOSITION/SEC
RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)	
1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03	8.152E-03
3.50E-03 - 5.00E-03	3.50E-02 - 1.50E-02	7.567E-03
5.00E-03 - 1.00E-01	1.00E-01 - 1.50E-01	6.123E-03
1.00E-01 - 1.125E-01	1.125E-01 - 1.231E-01	3.131E-03

TABLE VI. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.00912 TO 0.0248 MeV

(keV m⁻³ sec⁻¹/keV of source energy)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)			TOTAL ENERGY DEPOSITION/SEC
	0.0E+00	2.00E-07	3.00E-07	
0.00E+00	5.00E-07	3.00E-07	1.00E-06	2.00E-06
2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06
1.00E-06	1.00E-06	1.00E-06	1.00E-06	3.00E-06
1.24E-06	1.24E-06	1.24E-06	1.24E-06	3.72E-06
1.12E-06	1.12E-06	1.12E-06	1.12E-06	3.36E-06
1.14E-06	1.14E-06	1.14E-06	1.14E-06	3.42E-06
1.15E-06	1.15E-06	1.15E-06	1.15E-06	3.45E-06
1.16E-06	1.16E-06	1.16E-06	1.16E-06	3.48E-06
1.17E-06	1.17E-06	1.17E-06	1.17E-06	3.51E-06
1.18E-06	1.18E-06	1.18E-06	1.18E-06	3.54E-06
1.19E-06	1.19E-06	1.19E-06	1.19E-06	3.57E-06
1.20E-06	1.20E-06	1.20E-06	1.20E-06	3.60E-06
1.21E-06	1.21E-06	1.21E-06	1.21E-06	3.63E-06
1.22E-06	1.22E-06	1.22E-06	1.22E-06	3.66E-06
1.23E-06	1.23E-06	1.23E-06	1.23E-06	3.69E-06
1.24E-06	1.24E-06	1.24E-06	1.24E-06	3.72E-06
1.25E-06	1.25E-06	1.25E-06	1.25E-06	3.75E-06
1.26E-06	1.26E-06	1.26E-06	1.26E-06	3.78E-06
1.27E-06	1.27E-06	1.27E-06	1.27E-06	3.81E-06
1.28E-06	1.28E-06	1.28E-06	1.28E-06	3.84E-06
1.29E-06	1.29E-06	1.29E-06	1.29E-06	3.87E-06
1.30E-06	1.30E-06	1.30E-06	1.30E-06	3.90E-06
1.31E-06	1.31E-06	1.31E-06	1.31E-06	3.93E-06
1.32E-06	1.32E-06	1.32E-06	1.32E-06	3.96E-06
1.33E-06	1.33E-06	1.33E-06	1.33E-06	3.99E-06
1.34E-06	1.34E-06	1.34E-06	1.34E-06	4.02E-06
1.35E-06	1.35E-06	1.35E-06	1.35E-06	4.05E-06
1.36E-06	1.36E-06	1.36E-06	1.36E-06	4.08E-06
1.37E-06	1.37E-06	1.37E-06	1.37E-06	4.11E-06
1.38E-06	1.38E-06	1.38E-06	1.38E-06	4.14E-06
1.39E-06	1.39E-06	1.39E-06	1.39E-06	4.17E-06
1.40E-06	1.40E-06	1.40E-06	1.40E-06	4.20E-06
1.41E-06	1.41E-06	1.41E-06	1.41E-06	4.23E-06
1.42E-06	1.42E-06	1.42E-06	1.42E-06	4.26E-06
1.43E-06	1.43E-06	1.43E-06	1.43E-06	4.29E-06
1.44E-06	1.44E-06	1.44E-06	1.44E-06	4.32E-06
1.45E-06	1.45E-06	1.45E-06	1.45E-06	4.35E-06
1.46E-06	1.46E-06	1.46E-06	1.46E-06	4.38E-06
1.47E-06	1.47E-06	1.47E-06	1.47E-06	4.41E-06
1.48E-06	1.48E-06	1.48E-06	1.48E-06	4.44E-06
1.49E-06	1.49E-06	1.49E-06	1.49E-06	4.47E-06
1.50E-06	1.50E-06	1.50E-06	1.50E-06	4.50E-06
1.51E-06	1.51E-06	1.51E-06	1.51E-06	4.53E-06
1.52E-06	1.52E-06	1.52E-06	1.52E-06	4.56E-06
1.53E-06	1.53E-06	1.53E-06	1.53E-06	4.59E-06
1.54E-06	1.54E-06	1.54E-06	1.54E-06	4.62E-06
1.55E-06	1.55E-06	1.55E-06	1.55E-06	4.65E-06
1.56E-06	1.56E-06	1.56E-06	1.56E-06	4.68E-06
1.57E-06	1.57E-06	1.57E-06	1.57E-06	4.71E-06
1.58E-06	1.58E-06	1.58E-06	1.58E-06	4.74E-06
1.59E-06	1.59E-06	1.59E-06	1.59E-06	4.77E-06
1.60E-06	1.60E-06	1.60E-06	1.60E-06	4.80E-06
1.61E-06	1.61E-06	1.61E-06	1.61E-06	4.83E-06
1.62E-06	1.62E-06	1.62E-06	1.62E-06	4.86E-06
1.63E-06	1.63E-06	1.63E-06	1.63E-06	4.89E-06
1.64E-06	1.64E-06	1.64E-06	1.64E-06	4.92E-06
1.65E-06	1.65E-06	1.65E-06	1.65E-06	4.95E-06
1.66E-06	1.66E-06	1.66E-06	1.66E-06	4.98E-06
1.67E-06	1.67E-06	1.67E-06	1.67E-06	5.01E-06
1.68E-06	1.68E-06	1.68E-06	1.68E-06	5.04E-06
1.69E-06	1.69E-06	1.69E-06	1.69E-06	5.07E-06
1.70E-06	1.70E-06	1.70E-06	1.70E-06	5.10E-06
1.71E-06	1.71E-06	1.71E-06	1.71E-06	5.13E-06
1.72E-06	1.72E-06	1.72E-06	1.72E-06	5.16E-06
1.73E-06	1.73E-06	1.73E-06	1.73E-06	5.19E-06
1.74E-06	1.74E-06	1.74E-06	1.74E-06	5.22E-06
1.75E-06	1.75E-06	1.75E-06	1.75E-06	5.25E-06
1.76E-06	1.76E-06	1.76E-06	1.76E-06	5.28E-06
1.77E-06	1.77E-06	1.77E-06	1.77E-06	5.31E-06
1.78E-06	1.78E-06	1.78E-06	1.78E-06	5.34E-06
1.79E-06	1.79E-06	1.79E-06	1.79E-06	5.37E-06
1.80E-06	1.80E-06	1.80E-06	1.80E-06	5.40E-06
1.81E-06	1.81E-06	1.81E-06	1.81E-06	5.43E-06
1.82E-06	1.82E-06	1.82E-06	1.82E-06	5.46E-06
1.83E-06	1.83E-06	1.83E-06	1.83E-06	5.49E-06
1.84E-06	1.84E-06	1.84E-06	1.84E-06	5.52E-06
1.85E-06	1.85E-06	1.85E-06	1.85E-06	5.55E-06
1.86E-06	1.86E-06	1.86E-06	1.86E-06	5.58E-06
1.87E-06	1.87E-06	1.87E-06	1.87E-06	5.61E-06
1.88E-06	1.88E-06	1.88E-06	1.88E-06	5.64E-06
1.89E-06	1.89E-06	1.89E-06	1.89E-06	5.67E-06
1.90E-06	1.90E-06	1.90E-06	1.90E-06	5.70E-06
1.91E-06	1.91E-06	1.91E-06	1.91E-06	5.73E-06
1.92E-06	1.92E-06	1.92E-06	1.92E-06	5.76E-06
1.93E-06	1.93E-06	1.93E-06	1.93E-06	5.79E-06
1.94E-06	1.94E-06	1.94E-06	1.94E-06	5.82E-06
1.95E-06	1.95E-06	1.95E-06	1.95E-06	5.85E-06
1.96E-06	1.96E-06	1.96E-06	1.96E-06	5.88E-06
1.97E-06	1.97E-06	1.97E-06	1.97E-06	5.91E-06
1.98E-06	1.98E-06	1.98E-06	1.98E-06	5.94E-06
1.99E-06	1.99E-06	1.99E-06	1.99E-06	5.97E-06
2.00E-06	2.00E-06	2.00E-06	2.00E-06	6.00E-06

TABLE VI. (Continued)
 $(keV m^{-3} sec^{-1}/source neutron)$

TABLE VI. (Continued)
 $\cdot (\text{keV m}^{-3} \text{sec}^{-1} / \text{source neutron})$

TABLE VI. (Continued)
 $\langle \text{keV m}^{-3} \text{ sec}^{-1} / \text{source neutron} \rangle$

TABLE VII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.0248 TO 0.0676 Mev

(keV m⁻³ sec⁻¹ / source neutron)

RADIAL DISTANCE (METERS)	DELAY TIME (SEC)					TOTAL ENERGY DEPOSITION/SEC
	.00E 00	.200E -07	.300E -07	.500E -07	.1.00E -06	
0.0	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
1.0	1.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
2.0	2.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
3.0	3.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
4.0	4.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
6.0	6.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
8.0	8.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
10.0	1.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
12.0	1.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
14.0	1.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
16.0	1.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
18.0	1.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
20.0	2.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
22.0	2.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
24.0	2.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
26.0	2.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
28.0	2.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
30.0	3.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
32.0	3.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
34.0	3.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
36.0	3.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
38.0	3.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
40.0	4.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
42.0	4.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
44.0	4.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
46.0	4.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
48.0	4.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
50.0	5.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
52.0	5.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
54.0	5.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
56.0	5.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
58.0	5.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
60.0	6.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
62.0	6.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
64.0	6.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
66.0	6.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
68.0	6.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
70.0	7.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
72.0	7.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
74.0	7.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
76.0	7.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
78.0	7.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
80.0	8.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
82.0	8.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
84.0	8.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
86.0	8.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
88.0	8.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
90.0	9.00E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
92.0	9.20E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
94.0	9.40E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
96.0	9.60E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
98.0	9.80E 01	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
100.0	1.00E 02	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00

TABLE VII. (Continued)
 $(\text{keV}_m^{-3} \text{ sec}^{-1}) / (\text{source neutron})$

TABLE VII. (Continued)

TABLE VII. (Continued)
 (keV m⁻³ sec⁻¹ / source neutron)

		2.480E-02 TO 6.760E-02 MEV SECONDARY GAMMAS		
		DELAY TIME (SEC)		
RADIAL DISTANCE INTERVAL (METERS)	1.00E-03	2.00E-03	3.50E-03	5.00E-02
0	0	0	0	0
1.00	-	0	0	0
2.00	-	0	0	0
3.00	-	0	0	0
4.00	-	0	0	0
5.00	-	0	0	0
6.00	-	0	0	0
7.00	-	0	0	0
8.00	-	0	0	0
9.00	-	0	0	0
10.00	-	0	0	0
11.00	-	0	0	0
12.00	-	0	0	0
13.00	-	0	0	0
14.00	-	0	0	0
15.00	-	0	0	0
16.00	-	0	0	0
17.00	-	0	0	0
18.00	-	0	0	0
19.00	-	0	0	0
20.00	-	0	0	0
21.00	-	0	0	0
22.00	-	0	0	0
23.00	-	0	0	0
24.00	-	0	0	0
25.00	-	0	0	0
26.00	-	0	0	0
27.00	-	0	0	0
28.00	-	0	0	0
29.00	-	0	0	0
30.00	-	0	0	0
31.00	-	0	0	0
32.00	-	0	0	0
33.00	-	0	0	0
34.00	-	0	0	0
35.00	-	0	0	0
36.00	-	0	0	0
37.00	-	0	0	0
38.00	-	0	0	0
39.00	-	0	0	0
40.00	-	0	0	0
41.00	-	0	0	0
42.00	-	0	0	0
43.00	-	0	0	0
44.00	-	0	0	0
45.00	-	0	0	0
46.00	-	0	0	0
47.00	-	0	0	0
48.00	-	0	0	0
49.00	-	0	0	0
50.00	-	0	0	0
51.00	-	0	0	0
52.00	-	0	0	0
53.00	-	0	0	0
54.00	-	0	0	0
55.00	-	0	0	0
56.00	-	0	0	0
57.00	-	0	0	0
58.00	-	0	0	0
59.00	-	0	0	0
60.00	-	0	0	0
61.00	-	0	0	0
62.00	-	0	0	0
63.00	-	0	0	0
64.00	-	0	0	0
65.00	-	0	0	0
66.00	-	0	0	0
67.00	-	0	0	0
68.00	-	0	0	0
69.00	-	0	0	0
70.00	-	0	0	0
71.00	-	0	0	0
72.00	-	0	0	0
73.00	-	0	0	0
74.00	-	0	0	0
75.00	-	0	0	0
76.00	-	0	0	0
77.00	-	0	0	0
78.00	-	0	0	0
79.00	-	0	0	0
80.00	-	0	0	0
81.00	-	0	0	0
82.00	-	0	0	0
83.00	-	0	0	0
84.00	-	0	0	0
85.00	-	0	0	0
86.00	-	0	0	0
87.00	-	0	0	0
88.00	-	0	0	0
89.00	-	0	0	0
90.00	-	0	0	0
91.00	-	0	0	0
92.00	-	0	0	0
93.00	-	0	0	0
94.00	-	0	0	0
95.00	-	0	0	0
96.00	-	0	0	0
97.00	-	0	0	0
98.00	-	0	0	0
99.00	-	0	0	0
100.00	-	0	0	0
101.00	-	0	0	0
102.00	-	0	0	0
103.00	-	0	0	0
104.00	-	0	0	0
105.00	-	0	0	0
106.00	-	0	0	0
107.00	-	0	0	0
108.00	-	0	0	0
109.00	-	0	0	0
110.00	-	0	0	0
111.00	-	0	0	0
112.00	-	0	0	0
113.00	-	0	0	0
114.00	-	0	0	0
115.00	-	0	0	0
116.00	-	0	0	0
117.00	-	0	0	0
118.00	-	0	0	0
119.00	-	0	0	0
120.00	-	0	0	0
121.00	-	0	0	0
122.00	-	0	0	0
123.00	-	0	0	0
124.00	-	0	0	0
125.00	-	0	0	0
126.00	-	0	0	0
127.00	-	0	0	0
128.00	-	0	0	0
129.00	-	0	0	0
130.00	-	0	0	0
131.00	-	0	0	0
132.00	-	0	0	0
133.00	-	0	0	0
134.00	-	0	0	0
135.00	-	0	0	0
136.00	-	0	0	0
137.00	-	0	0	0
138.00	-	0	0	0
139.00	-	0	0	0
140.00	-	0	0	0
141.00	-	0	0	0
142.00	-	0	0	0
143.00	-	0	0	0
144.00	-	0	0	0
145.00	-	0	0	0
146.00	-	0	0	0
147.00	-	0	0	0
148.00	-	0	0	0
149.00	-	0	0	0
150.00	-	0	0	0
151.00	-	0	0	0
152.00	-	0	0	0
153.00	-	0	0	0
154.00	-	0	0	0
155.00	-	0	0	0
156.00	-	0	0	0
157.00	-	0	0	0
158.00	-	0	0	0
159.00	-	0	0	0
160.00	-	0	0	0
161.00	-	0	0	0
162.00	-	0	0	0
163.00	-	0	0	0
164.00	-	0	0	0
165.00	-	0	0	0
166.00	-	0	0	0
167.00	-	0	0	0
168.00	-	0	0	0
169.00	-	0	0	0
170.00	-	0	0	0
171.00	-	0	0	0
172.00	-	0	0	0
173.00	-	0	0	0
174.00	-	0	0	0
175.00	-	0	0	0
176.00	-	0	0	0
177.00	-	0	0	0
178.00	-	0	0	0
179.00	-	0	0	0
180.00	-	0	0	0
181.00	-	0	0	0
182.00	-	0	0	0
183.00	-	0	0	0
184.00	-	0	0	0
185.00	-	0	0	0
186.00	-	0	0	0
187.00	-	0	0	0
188.00	-	0	0	0
189.00	-	0	0	0
190.00	-	0	0	0
191.00	-	0	0	0
192.00	-	0	0	0
193.00	-	0	0	0
194.00	-	0	0	0
195.00	-	0	0	0
196.00	-	0	0	0
197.00	-	0	0	0
198.00	-	0	0	0
199.00	-	0	0	0
200.00	-	0	0	0
201.00	-	0	0	0
202.00	-	0	0	0
203.00	-	0	0	0
204.00	-	0	0	0
205.00	-	0	0	0
206.00	-	0	0	0
207.00	-	0	0	0
208.00	-	0	0	0
209.00	-	0	0	0
210.00	-	0	0	0
211.00	-	0	0	0
212.00	-	0	0	0
213.00	-	0	0	0
214.00	-	0	0	0
215.00	-	0	0	0
216.00	-	0	0	0
217.00	-	0	0	0
218.00	-	0	0	0
219.00	-	0	0	0
220.00	-	0	0	0
221.00	-	0	0	0
222.00	-	0	0	0
223.00	-	0	0	0
224.00	-	0	0	0
225.00	-	0	0	0
226.00	-	0	0	0
227.00	-	0	0	0
228.00	-	0	0	0
229.00	-	0	0	0
230.00	-	0	0	0
231.00	-	0	0	0
232.00	-	0	0	0
233.00	-	0	0	0
234.00	-	0	0	0
235.00	-	0	0	0
236.00	-	0	0	0
237.00	-	0	0	0
238.00	-	0	0	0
239.00	-	0	0	0
240.00	-	0	0	0
241.00	-	0	0	0
242.00	-	0	0	0
243.00	-	0	0	0
244.00	-	0	0	0
245.00	-	0	0	0
246.00	-	0	0	0
247.00	-	0	0	0
248.00	-	0	0	0
249.00	-	0	0	0
250.00	-	0	0	0
251.00	-	0	0	0
252.00	-	0	0	0
253.00	-	0	0	0
254.00	-	0	0	0
255.00	-	0	0	0
256.00	-	0	0	0
257.00	-	0	0	0
258.00	-	0	0	0
259.00	-	0	0	0
260.00	-	0	0	0
261.00	-	0	0	0
262.00	-	0	0	0
263.00	-	0	0	0
264.00	-	0	0	0
265.00	-	0	0	0
266.00	-	0	0	0
267.00	-	0	0	0
268.00	-	0	0	0
269.00	-	0	0	0
270.00	-	0	0	0
271.00	-	0	0	0
272.00	-	0	0	0
273.00	-	0	0	0
274.00	-	0	0	0
275.00	-	0	0	0
276.00	-	0	0	0
277.00	-	0	0	0
278.00	-	0	0	0
279.00	-	0	0	0
280.00	-	0	0	0
281.00	-	0	0	0
282.00	-	0	0	0
283.00	-	0	0	0
284.00	-	0	0	0
285.00				

TABLE VIII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.0676 TO 0.184 MeV

(keV m⁻³ sec⁻¹/source neutron)

TABLE VIII. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1})/\text{source neutron}$

TABLE VIII. (Continued)
 (keV m⁻³ sec⁻¹ / source neutron)

RADIAL DISTANCE INTERVAL (METERS)	6.760E-02 TO 1.840E-01 MEV SECONDARY GAMMAS				TOTAL ENERGY DEPOSITION/SEC
	5.00E-05	7.00E-05	1.00E-04	2.00E-04	
5.7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04	7.00E-04
1.00E-04	1.00E-04	2.00E-04	4.00E-04	7.00E-04	7.00E-04
2.00E-04	2.00E-04	4.00E-04	7.00E-04	1.00E-03	1.00E-03
4.00E-04	4.00E-04	8.00E-04	1.40E-03	2.80E-03	2.80E-03
6.00E-04	6.00E-04	1.20E-03	2.10E-03	4.20E-03	4.20E-03
8.00E-04	8.00E-04	1.60E-03	2.60E-03	5.20E-03	5.20E-03
1.00E-03	1.00E-03	2.00E-03	3.20E-03	6.40E-03	6.40E-03
1.20E-03	1.20E-03	2.40E-03	3.60E-03	7.20E-03	7.20E-03
1.40E-03	1.40E-03	2.80E-03	4.00E-03	8.00E-03	8.00E-03
1.60E-03	1.60E-03	3.20E-03	4.40E-03	8.80E-03	8.80E-03
1.80E-03	1.80E-03	3.60E-03	4.80E-03	9.60E-03	9.60E-03
2.00E-03	2.00E-03	4.00E-03	5.20E-03	1.04E-02	1.04E-02
2.20E-03	2.20E-03	4.40E-03	5.60E-03	1.12E-02	1.12E-02
2.40E-03	2.40E-03	4.80E-03	6.00E-03	1.20E-02	1.20E-02
2.60E-03	2.60E-03	5.20E-03	6.40E-03	1.28E-02	1.28E-02
2.80E-03	2.80E-03	5.60E-03	6.80E-03	1.36E-02	1.36E-02
3.00E-03	3.00E-03	6.00E-03	7.20E-03	1.44E-02	1.44E-02
3.20E-03	3.20E-03	6.40E-03	7.60E-03	1.52E-02	1.52E-02
3.40E-03	3.40E-03	6.80E-03	8.00E-03	1.60E-02	1.60E-02
3.60E-03	3.60E-03	7.20E-03	8.40E-03	1.68E-02	1.68E-02
3.80E-03	3.80E-03	7.60E-03	8.80E-03	1.76E-02	1.76E-02
4.00E-03	4.00E-03	8.00E-03	9.20E-03	1.84E-02	1.84E-02
4.20E-03	4.20E-03	8.40E-03	9.60E-03	1.92E-02	1.92E-02
4.40E-03	4.40E-03	8.80E-03	1.00E-02	2.00E-02	2.00E-02
4.60E-03	4.60E-03	9.20E-03	1.04E-02	2.08E-02	2.08E-02
4.80E-03	4.80E-03	9.60E-03	1.08E-02	2.16E-02	2.16E-02
5.00E-03	5.00E-03	1.00E-02	1.12E-02	2.24E-02	2.24E-02
5.20E-03	5.20E-03	1.04E-02	1.16E-02	2.32E-02	2.32E-02
5.40E-03	5.40E-03	1.08E-02	1.20E-02	2.40E-02	2.40E-02
5.60E-03	5.60E-03	1.12E-02	1.24E-02	2.48E-02	2.48E-02
5.80E-03	5.80E-03	1.16E-02	1.28E-02	2.56E-02	2.56E-02
6.00E-03	6.00E-03	1.20E-02	1.32E-02	2.64E-02	2.64E-02
6.20E-03	6.20E-03	1.24E-02	1.36E-02	2.72E-02	2.72E-02
6.40E-03	6.40E-03	1.28E-02	1.40E-02	2.80E-02	2.80E-02
6.60E-03	6.60E-03	1.32E-02	1.44E-02	2.88E-02	2.88E-02
6.80E-03	6.80E-03	1.36E-02	1.48E-02	2.96E-02	2.96E-02
7.00E-03	7.00E-03	1.40E-02	1.52E-02	3.04E-02	3.04E-02
7.20E-03	7.20E-03	1.44E-02	1.56E-02	3.12E-02	3.12E-02
7.40E-03	7.40E-03	1.48E-02	1.60E-02	3.20E-02	3.20E-02
7.60E-03	7.60E-03	1.52E-02	1.64E-02	3.28E-02	3.28E-02
7.80E-03	7.80E-03	1.56E-02	1.68E-02	3.36E-02	3.36E-02
8.00E-03	8.00E-03	1.60E-02	1.72E-02	3.44E-02	3.44E-02
8.20E-03	8.20E-03	1.64E-02	1.76E-02	3.52E-02	3.52E-02
8.40E-03	8.40E-03	1.68E-02	1.80E-02	3.60E-02	3.60E-02
8.60E-03	8.60E-03	1.72E-02	1.84E-02	3.68E-02	3.68E-02
8.80E-03	8.80E-03	1.76E-02	1.88E-02	3.76E-02	3.76E-02
9.00E-03	9.00E-03	1.80E-02	1.92E-02	3.84E-02	3.84E-02
9.20E-03	9.20E-03	1.84E-02	1.96E-02	3.92E-02	3.92E-02
9.40E-03	9.40E-03	1.88E-02	2.00E-02	4.00E-02	4.00E-02
9.60E-03	9.60E-03	1.92E-02	2.04E-02	4.08E-02	4.08E-02
9.80E-03	9.80E-03	1.96E-02	2.08E-02	4.16E-02	4.16E-02
1.00E-02	1.00E-02	2.00E-02	2.12E-02	4.24E-02	4.24E-02
1.02E-02	1.02E-02	2.04E-02	2.16E-02	4.32E-02	4.32E-02
1.04E-02	1.04E-02	2.08E-02	2.20E-02	4.40E-02	4.40E-02
1.06E-02	1.06E-02	2.12E-02	2.24E-02	4.48E-02	4.48E-02
1.08E-02	1.08E-02	2.16E-02	2.28E-02	4.56E-02	4.56E-02
1.10E-02	1.10E-02	2.20E-02	2.32E-02	4.64E-02	4.64E-02
1.12E-02	1.12E-02	2.24E-02	2.36E-02	4.72E-02	4.72E-02
1.14E-02	1.14E-02	2.28E-02	2.40E-02	4.80E-02	4.80E-02
1.16E-02	1.16E-02	2.32E-02	2.44E-02	4.88E-02	4.88E-02
1.18E-02	1.18E-02	2.36E-02	2.48E-02	4.96E-02	4.96E-02
1.20E-02	1.20E-02	2.40E-02	2.52E-02	5.04E-02	5.04E-02
1.22E-02	1.22E-02	2.44E-02	2.56E-02	5.12E-02	5.12E-02
1.24E-02	1.24E-02	2.48E-02	2.60E-02	5.20E-02	5.20E-02
1.26E-02	1.26E-02	2.52E-02	2.64E-02	5.28E-02	5.28E-02
1.28E-02	1.28E-02	2.56E-02	2.68E-02	5.36E-02	5.36E-02
1.30E-02	1.30E-02	2.60E-02	2.72E-02	5.44E-02	5.44E-02
1.32E-02	1.32E-02	2.64E-02	2.76E-02	5.52E-02	5.52E-02
1.34E-02	1.34E-02	2.68E-02	2.80E-02	5.60E-02	5.60E-02
1.36E-02	1.36E-02	2.72E-02	2.84E-02	5.68E-02	5.68E-02
1.38E-02	1.38E-02	2.76E-02	2.88E-02	5.76E-02	5.76E-02
1.40E-02	1.40E-02	2.80E-02	2.92E-02	5.84E-02	5.84E-02
1.42E-02	1.42E-02	2.84E-02	2.96E-02	5.92E-02	5.92E-02
1.44E-02	1.44E-02	2.88E-02	3.00E-02	6.00E-02	6.00E-02
1.46E-02	1.46E-02	2.92E-02	3.04E-02	6.08E-02	6.08E-02
1.48E-02	1.48E-02	2.96E-02	3.08E-02	6.16E-02	6.16E-02
1.50E-02	1.50E-02	3.00E-02	3.12E-02	6.24E-02	6.24E-02
1.52E-02	1.52E-02	3.04E-02	3.16E-02	6.32E-02	6.32E-02
1.54E-02	1.54E-02	3.08E-02	3.20E-02	6.40E-02	6.40E-02
1.56E-02	1.56E-02	3.12E-02	3.24E-02	6.48E-02	6.48E-02
1.58E-02	1.58E-02	3.16E-02	3.28E-02	6.56E-02	6.56E-02
1.60E-02	1.60E-02	3.20E-02	3.32E-02	6.64E-02	6.64E-02
1.62E-02	1.62E-02	3.24E-02	3.36E-02	6.72E-02	6.72E-02
1.64E-02	1.64E-02	3.28E-02	3.40E-02	6.80E-02	6.80E-02
1.66E-02	1.66E-02	3.32E-02	3.44E-02	6.88E-02	6.88E-02
1.68E-02	1.68E-02	3.36E-02	3.48E-02	6.96E-02	6.96E-02
1.70E-02	1.70E-02	3.40E-02	3.52E-02	7.04E-02	7.04E-02
1.72E-02	1.72E-02	3.44E-02	3.56E-02	7.12E-02	7.12E-02
1.74E-02	1.74E-02	3.48E-02	3.60E-02	7.20E-02	7.20E-02
1.76E-02	1.76E-02	3.52E-02	3.64E-02	7.28E-02	7.28E-02
1.78E-02	1.78E-02	3.56E-02	3.68E-02	7.36E-02	7.36E-02
1.80E-02	1.80E-02	3.60E-02	3.72E-02	7.44E-02	7.44E-02
1.82E-02	1.82E-02	3.64E-02	3.76E-02	7.52E-02	7.52E-02
1.84E-02	1.84E-02	3.68E-02	3.80E-02	7.60E-02	7.60E-02
1.86E-02	1.86E-02	3.72E-02	3.84E-02	7.68E-02	7.68E-02
1.88E-02	1.88E-02	3.76E-02	3.88E-02	7.76E-02	7.76E-02
1.90E-02	1.90E-02	3.80E-02	3.92E-02	7.84E-02	7.84E-02
1.92E-02	1.92E-02	3.84E-02	3.96E-02	7.92E-02	7.92E-02
1.94E-02	1.94E-02	3.88E-02	4.00E-02	8.00E-02	8.00E-02
1.96E-02	1.96E-02	3.92E-02	4.04E-02	8.08E-02	8.08E-02
1.98E-02	1.98E-02	3.96E-02	4.08E-02	8.16E-02	8.16E-02
2.00E-02	2.00E-02	4.00E-02	4.12E-02	8.24E-02	8.24E-02
2.02E-02	2.02E-02	4.04E-02	4.16E-02	8.32E-02	8.32E-02
2.04E-02	2.04E-02	4.08E-02	4.20E-02	8.40E-02	8.40E-02
2.06E-02	2.06E-02	4.12E-02	4.24E-02	8.48E-02	8.48E-02
2.08E-02	2.08E-02	4.16E-02	4.28E-02	8.56E-02	8.56E-02
2.10E-02	2.10E-02	4.20E-02	4.32E-02	8.64E-02	8.64E-02
2.12E-02	2.12E-02	4.24E-02	4.36E-02	8.72E-02	8.72E-02
2.14E-02	2.14E-02	4.28E-02	4.40E-02	8.80E-02	8.80E-02
2.16E-02	2.16E-02	4.32E-02	4.44E-02	8.88E-02	8.88E-02
2.18E-02	2.18E-02	4.36E-02	4.48E-02	8.96E-02	8.96E-02
2.20E-02	2.20E-02	4.40E-02	4.52E-02	9.04E-02	9.04E-02
2.22E-02	2.22E-02	4.44E-02	4.56E-02	9.12E-02	9.12E-02
2.24E-02	2.24E-02	4.48E-02	4.60E-02	9.20E-02	9.20E-02
2.26E-02	2.26E-02	4.52E-02	4.64E-02	9.28E-02	9.28E-02
2.28E-02	2.28E-02	4.56E-02	4.68E-02	9.36E-02	9.36E-02
2.30E-02	2.30E-02	4.60E-02	4.72E-02	9.44E-02	9.44E-02
2.32E-02	2.32E-02	4.64E-02	4.76E-02	9.52E-02	9.52E-02
2.34E-02	2.34E-02	4.68E-02	4.80E-02	9.60E-02	9.60E-02
2.36E-02	2.36E-02	4.72E-02	4.84E-02	9.68E-02	9.68E-02
2.38E-02	2.38E-02	4.76E-02	4.88E-02	9.76E-02	9.76E-02
2.40E-02	2.40E-02	4.80E-02	4.92E-02	9.84E-02	9.84E-02
2.42E-02	2.42E-02	4.84E-02	4.96E-02	9.92E-02	9.92E-02
2.44E-02	2.44E-02	4.88E-02	5.00E-02	1.000E-01	1.000E-01
2.46E-02	2.46E-02	4.92E-02	5.04E-02	1.004E-01	1.004E-01
2.48E-02	2.48E-02	4.96E-02	5.08E-02	1.008E-01	1.008E-01
2.50E-02	2.50E-02	5.00E-02	5.12E-02	1.012E-01	1.012E-01
2.52E-02	2.52E-02	5.04E-02	5.16E-02	1.016E-01	1.016E-01
2.54E-02	2.54E-02	5.08E-02	5.20E-02	1.020E-01	1.020E-01
2.56E-02	2.56E-02	5.12E-02	5.24E-02	1.024E-01	1.024E-01
2.58E-02	2.58E-02	5.16E-02	5.28E-02	1.028E-01	1.028E-01

TABLE VIII. (Continued)
 (keV m⁻³ sec⁻¹/source neutron)

		6.760E-02 TO 1.840E-01 MEV SECONDARY GAMMAS					
		6.760E-02 TO 1.840E-01 MEV TIME (SEC)					
RADIAL DISTANCE INTERVAL (METERS)	1.00E-03	2.00E-03	3.50E-03	5.00E-02	1.50E-01	1.00E-01	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.0	0.0	0.0	0.0	0.0	0.0	0.0	
2.0	0.0	0.0	0.0	0.0	0.0	0.0	
4.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.0	0.0	0.0	0.0	0.0	0.0	0.0	
12.0	0.0	0.0	0.0	0.0	0.0	0.0	
24.0	0.0	0.0	0.0	0.0	0.0	0.0	
40.0	0.0	0.0	0.0	0.0	0.0	0.0	
60.0	0.0	0.0	0.0	0.0	0.0	0.0	
112.5	0.0	0.0	0.0	0.0	0.0	0.0	
1111.7	0.0	0.0	0.0	0.0	0.0	0.0	
2250.0	0.0	0.0	0.0	0.0	0.0	0.0	
3450.0	0.0	0.0	0.0	0.0	0.0	0.0	
4500.0	0.0	0.0	0.0	0.0	0.0	0.0	
6000.0	0.0	0.0	0.0	0.0	0.0	0.0	
8000.0	0.0	0.0	0.0	0.0	0.0	0.0	
12000.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL ENERGY DEPOSITION/SEC	7.157E-03	5.270E-03	6.622E-03	6.622E-03	2.991E-03		

TABLE IX. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.184 TO 0.303 MeV

(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)		TOTAL ENERGY DEPOSITION/SEC
	0.0E+00	2.00E-07	
2.00E-07	3.00E-07	5.00E-07	2.00E-06
3.00E-07	5.00E-07	1.00E-06	3.00E-06
4.00E-07	6.00E-07	2.00E-06	4.00E-06
5.00E-07	7.00E-07	1.00E-06	5.00E-06
6.00E-07	8.00E-07	2.00E-06	6.00E-06
7.00E-07	9.00E-07	1.00E-06	7.00E-06
8.00E-07	1.00E-06	2.00E-06	8.00E-06
9.00E-07	1.10E-06	1.00E-06	9.00E-06
1.00E-06	1.20E-06	2.00E-06	1.00E-05
1.10E-06	1.30E-06	1.00E-06	1.10E-05
1.20E-06	1.40E-06	2.00E-06	1.20E-05
1.30E-06	1.50E-06	1.00E-06	1.30E-05
1.40E-06	1.60E-06	2.00E-06	1.40E-05
1.50E-06	1.70E-06	1.00E-06	1.50E-05
1.60E-06	1.80E-06	2.00E-06	1.60E-05
1.70E-06	1.90E-06	1.00E-06	1.70E-05
1.80E-06	2.00E-06	2.00E-06	1.80E-05
1.90E-06	2.10E-06	1.00E-06	1.90E-05
2.00E-06	2.20E-06	2.00E-06	2.00E-05
2.10E-06	2.30E-06	1.00E-06	2.10E-05
2.20E-06	2.40E-06	2.00E-06	2.20E-05
2.30E-06	2.50E-06	1.00E-06	2.30E-05
2.40E-06	2.60E-06	2.00E-06	2.40E-05
2.50E-06	2.70E-06	1.00E-06	2.50E-05
2.60E-06	2.80E-06	2.00E-06	2.60E-05
2.70E-06	2.90E-06	1.00E-06	2.70E-05
2.80E-06	3.00E-06	2.00E-06	2.80E-05
2.90E-06	3.10E-06	1.00E-06	2.90E-05
3.00E-06	3.20E-06	2.00E-06	3.00E-05
3.10E-06	3.30E-06	1.00E-06	3.10E-05
3.20E-06	3.40E-06	2.00E-06	3.20E-05
3.30E-06	3.50E-06	1.00E-06	3.30E-05
3.40E-06	3.60E-06	2.00E-06	3.40E-05
3.50E-06	3.70E-06	1.00E-06	3.50E-05
3.60E-06	3.80E-06	2.00E-06	3.60E-05
3.70E-06	3.90E-06	1.00E-06	3.70E-05
3.80E-06	4.00E-06	2.00E-06	3.80E-05
3.90E-06	4.10E-06	1.00E-06	3.90E-05
4.00E-06	4.20E-06	2.00E-06	4.00E-05
4.10E-06	4.30E-06	1.00E-06	4.10E-05
4.20E-06	4.40E-06	2.00E-06	4.20E-05
4.30E-06	4.50E-06	1.00E-06	4.30E-05
4.40E-06	4.60E-06	2.00E-06	4.40E-05
4.50E-06	4.70E-06	1.00E-06	4.50E-05
4.60E-06	4.80E-06	2.00E-06	4.60E-05
4.70E-06	4.90E-06	1.00E-06	4.70E-05
4.80E-06	5.00E-06	2.00E-06	4.80E-05
4.90E-06	5.10E-06	1.00E-06	4.90E-05
5.00E-06	5.20E-06	2.00E-06	5.00E-05
5.10E-06	5.30E-06	1.00E-06	5.10E-05
5.20E-06	5.40E-06	2.00E-06	5.20E-05
5.30E-06	5.50E-06	1.00E-06	5.30E-05
5.40E-06	5.60E-06	2.00E-06	5.40E-05
5.50E-06	5.70E-06	1.00E-06	5.50E-05
5.60E-06	5.80E-06	2.00E-06	5.60E-05
5.70E-06	5.90E-06	1.00E-06	5.70E-05
5.80E-06	6.00E-06	2.00E-06	5.80E-05
5.90E-06	6.10E-06	1.00E-06	5.90E-05
6.00E-06	6.20E-06	2.00E-06	6.00E-05
6.10E-06	6.30E-06	1.00E-06	6.10E-05
6.20E-06	6.40E-06	2.00E-06	6.20E-05
6.30E-06	6.50E-06	1.00E-06	6.30E-05
6.40E-06	6.60E-06	2.00E-06	6.40E-05
6.50E-06	6.70E-06	1.00E-06	6.50E-05
6.60E-06	6.80E-06	2.00E-06	6.60E-05
6.70E-06	6.90E-06	1.00E-06	6.70E-05
6.80E-06	7.00E-06	2.00E-06	6.80E-05
6.90E-06	7.10E-06	1.00E-06	6.90E-05
7.00E-06	7.20E-06	2.00E-06	7.00E-05
7.10E-06	7.30E-06	1.00E-06	7.10E-05
7.20E-06	7.40E-06	2.00E-06	7.20E-05
7.30E-06	7.50E-06	1.00E-06	7.30E-05
7.40E-06	7.60E-06	2.00E-06	7.40E-05
7.50E-06	7.70E-06	1.00E-06	7.50E-05
7.60E-06	7.80E-06	2.00E-06	7.60E-05
7.70E-06	7.90E-06	1.00E-06	7.70E-05
7.80E-06	8.00E-06	2.00E-06	7.80E-05
7.90E-06	8.10E-06	1.00E-06	7.90E-05
8.00E-06	8.20E-06	2.00E-06	8.00E-05
8.10E-06	8.30E-06	1.00E-06	8.10E-05
8.20E-06	8.40E-06	2.00E-06	8.20E-05
8.30E-06	8.50E-06	1.00E-06	8.30E-05
8.40E-06	8.60E-06	2.00E-06	8.40E-05
8.50E-06	8.70E-06	1.00E-06	8.50E-05
8.60E-06	8.80E-06	2.00E-06	8.60E-05
8.70E-06	8.90E-06	1.00E-06	8.70E-05
8.80E-06	9.00E-06	2.00E-06	8.80E-05
8.90E-06	9.10E-06	1.00E-06	8.90E-05
9.00E-06	9.20E-06	2.00E-06	9.00E-05
9.10E-06	9.30E-06	1.00E-06	9.10E-05
9.20E-06	9.40E-06	2.00E-06	9.20E-05
9.30E-06	9.50E-06	1.00E-06	9.30E-05
9.40E-06	9.60E-06	2.00E-06	9.40E-05
9.50E-06	9.70E-06	1.00E-06	9.50E-05
9.60E-06	9.80E-06	2.00E-06	9.60E-05
9.70E-06	9.90E-06	1.00E-06	9.70E-05
9.80E-06	1.00E-05	2.00E-06	9.80E-05
9.90E-06	1.01E-05	1.00E-06	9.90E-05
1.00E-05	1.02E-05	2.00E-06	1.00E-04

TABLE IX. (Continued)
 $(\text{keV}^{-3} \text{ sec}^{-1}/\text{source neutron})$

TABLE IX. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1}) / \text{source neutron}$

TABLE IX. (Continued)
 $(keV^{-3} m^{-3} sec^{-1})$ /source neutron)

TABLE X. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.303 TO 0.50 MeV

(keV m⁻³ sec⁻¹/source neutron)

TABLE X. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1} / \text{source neutron})$

TABLE X. (Continued)
 (keV m⁻³ sec⁻¹/source neutron)

		3.030E-01 TO 5.000E-01 MEV SECONDARY GAMMAS							
		TIME (SEC)							
		5.00E-05	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04	1.00E-03	2.00E-03
RADIAL DISTANCE INTERVAL (METERS)	5.00E-05	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04	1.00E-03	2.00E-03	3.00E-03
0	0	0	0	0	0	0	0	0	0
10.0	10.0	0	0	0	0	0	0	0	0
20.0	20.0	0	0	0	0	0	0	0	0
40.0	40.0	0	0	0	0	0	0	0	0
60.0	60.0	0	0	0	0	0	0	0	0
80.0	80.0	0	0	0	0	0	0	0	0
100.0	100.0	0	0	0	0	0	0	0	0
120.0	120.0	0	0	0	0	0	0	0	0
140.0	140.0	0	0	0	0	0	0	0	0
160.0	160.0	0	0	0	0	0	0	0	0
180.0	180.0	0	0	0	0	0	0	0	0
200.0	200.0	0	0	0	0	0	0	0	0
220.0	220.0	0	0	0	0	0	0	0	0
240.0	240.0	0	0	0	0	0	0	0	0
260.0	260.0	0	0	0	0	0	0	0	0
280.0	280.0	0	0	0	0	0	0	0	0
300.0	300.0	0	0	0	0	0	0	0	0
320.0	320.0	0	0	0	0	0	0	0	0
340.0	340.0	0	0	0	0	0	0	0	0
360.0	360.0	0	0	0	0	0	0	0	0
380.0	380.0	0	0	0	0	0	0	0	0
400.0	400.0	0	0	0	0	0	0	0	0
420.0	420.0	0	0	0	0	0	0	0	0
440.0	440.0	0	0	0	0	0	0	0	0
460.0	460.0	0	0	0	0	0	0	0	0
480.0	480.0	0	0	0	0	0	0	0	0
500.0	500.0	0	0	0	0	0	0	0	0
520.0	520.0	0	0	0	0	0	0	0	0
540.0	540.0	0	0	0	0	0	0	0	0
560.0	560.0	0	0	0	0	0	0	0	0
580.0	580.0	0	0	0	0	0	0	0	0
600.0	600.0	0	0	0	0	0	0	0	0
620.0	620.0	0	0	0	0	0	0	0	0
640.0	640.0	0	0	0	0	0	0	0	0
660.0	660.0	0	0	0	0	0	0	0	0
680.0	680.0	0	0	0	0	0	0	0	0
700.0	700.0	0	0	0	0	0	0	0	0
720.0	720.0	0	0	0	0	0	0	0	0
740.0	740.0	0	0	0	0	0	0	0	0
760.0	760.0	0	0	0	0	0	0	0	0
780.0	780.0	0	0	0	0	0	0	0	0
800.0	800.0	0	0	0	0	0	0	0	0
820.0	820.0	0	0	0	0	0	0	0	0
840.0	840.0	0	0	0	0	0	0	0	0
860.0	860.0	0	0	0	0	0	0	0	0
880.0	880.0	0	0	0	0	0	0	0	0
900.0	900.0	0	0	0	0	0	0	0	0
920.0	920.0	0	0	0	0	0	0	0	0
940.0	940.0	0	0	0	0	0	0	0	0
960.0	960.0	0	0	0	0	0	0	0	0
980.0	980.0	0	0	0	0	0	0	0	0
1000.0	1000.0	0	0	0	0	0	0	0	0
1020.0	1020.0	0	0	0	0	0	0	0	0
1040.0	1040.0	0	0	0	0	0	0	0	0
1060.0	1060.0	0	0	0	0	0	0	0	0
1080.0	1080.0	0	0	0	0	0	0	0	0
1100.0	1100.0	0	0	0	0	0	0	0	0
1120.0	1120.0	0	0	0	0	0	0	0	0
1140.0	1140.0	0	0	0	0	0	0	0	0
1160.0	1160.0	0	0	0	0	0	0	0	0
1180.0	1180.0	0	0	0	0	0	0	0	0
1200.0	1200.0	0	0	0	0	0	0	0	0
1220.0	1220.0	0	0	0	0	0	0	0	0
1240.0	1240.0	0	0	0	0	0	0	0	0
1260.0	1260.0	0	0	0	0	0	0	0	0
1280.0	1280.0	0	0	0	0	0	0	0	0
1300.0	1300.0	0	0	0	0	0	0	0	0
1320.0	1320.0	0	0	0	0	0	0	0	0
1340.0	1340.0	0	0	0	0	0	0	0	0
1360.0	1360.0	0	0	0	0	0	0	0	0
1380.0	1380.0	0	0	0	0	0	0	0	0
1400.0	1400.0	0	0	0	0	0	0	0	0
1420.0	1420.0	0	0	0	0	0	0	0	0
1440.0	1440.0	0	0	0	0	0	0	0	0
1460.0	1460.0	0	0	0	0	0	0	0	0
1480.0	1480.0	0	0	0	0	0	0	0	0
1500.0	1500.0	0	0	0	0	0	0	0	0
1520.0	1520.0	0	0	0	0	0	0	0	0
1540.0	1540.0	0	0	0	0	0	0	0	0
1560.0	1560.0	0	0	0	0	0	0	0	0
1580.0	1580.0	0	0	0	0	0	0	0	0
1600.0	1600.0	0	0	0	0	0	0	0	0
1620.0	1620.0	0	0	0	0	0	0	0	0
1640.0	1640.0	0	0	0	0	0	0	0	0
1660.0	1660.0	0	0	0	0	0	0	0	0
1680.0	1680.0	0	0	0	0	0	0	0	0
1700.0	1700.0	0	0	0	0	0	0	0	0
1720.0	1720.0	0	0	0	0	0	0	0	0
1740.0	1740.0	0	0	0	0	0	0	0	0
1760.0	1760.0	0	0	0	0	0	0	0	0
1780.0	1780.0	0	0	0	0	0	0	0	0
1800.0	1800.0	0	0	0	0	0	0	0	0
1820.0	1820.0	0	0	0	0	0	0	0	0
1840.0	1840.0	0	0	0	0	0	0	0	0
1860.0	1860.0	0	0	0	0	0	0	0	0
1880.0	1880.0	0	0	0	0	0	0	0	0
1900.0	1900.0	0	0	0	0	0	0	0	0
1920.0	1920.0	0	0	0	0	0	0	0	0
1940.0	1940.0	0	0	0	0	0	0	0	0
1960.0	1960.0	0	0	0	0	0	0	0	0
1980.0	1980.0	0	0	0	0	0	0	0	0
2000.0	2000.0	0	0	0	0	0	0	0	0
2020.0	2020.0	0	0	0	0	0	0	0	0
2040.0	2040.0	0	0	0	0	0	0	0	0
2060.0	2060.0	0	0	0	0	0	0	0	0
2080.0	2080.0	0	0	0	0	0	0	0	0
2100.0	2100.0	0	0	0	0	0	0	0	0
2120.0	2120.0	0	0	0	0	0	0	0	0
2140.0	2140.0	0	0	0	0	0	0	0	0
2160.0	2160.0	0	0	0	0	0	0	0	0
2180.0	2180.0	0	0	0	0	0	0	0	0
2200.0	2200.0	0	0	0	0	0	0	0	0
2220.0	2220.0	0	0	0	0	0	0	0	0
2240.0	2240.0	0	0	0	0	0	0	0	0
2260.0	2260.0	0	0	0	0	0	0	0	0
2280.0	2280.0	0	0	0	0	0	0	0	0
2300.0	2300.0	0	0	0	0	0	0	0	0
2320.0	2320.0	0	0	0	0	0	0	0	0
2340.0	2340.0	0	0	0	0	0	0	0	0
2360.0	2360.0	0	0	0	0	0	0	0	0
2380.0	2380.0	0	0	0	0	0	0	0	0
2400.0	2400.0	0	0	0	0	0	0	0	0
2420.0	2420.0	0	0	0	0	0	0	0	0
2440.0	2440.0	0	0	0	0	0	0	0	0
2460.0	2460.0	0	0	0	0	0	0	0	0
2480.0	2480.0	0	0	0	0	0	0	0	0
2500.0	2500.0	0	0	0	0	0	0	0	0
2520.0	2520.0	0	0	0	0	0	0	0	0
2540.0	2540.0	0	0	0	0	0	0	0	0
2560.0	2560.0	0	0	0	0	0	0	0	0
2580.0	2580.0	0	0	0	0	0	0	0	0
2600.0	2600.0	0	0	0	0	0	0	0	0
2620.0	2620.0	0	0	0	0	0	0	0	0
2640.0	2640.0	0	0	0	0	0	0	0	0
2660.0	2660.0	0	0	0	0	0	0	0	0
2680.0	2680.0	0	0	0	0	0	0	0	0
2700.0	2700.0	0	0	0	0	0	0	0	0
2720.0	2720.0	0	0	0	0	0	0	0	0
2740.0	2740.0	0	0	0	0	0	0	0	0
2760.0	2760.0	0	0	0	0	0	0	0	0
2780.0	2780.0	0	0	0	0	0	0	0	0
2800.0	2800.0	0	0	0	0	0	0	0	0
2									

TABLE X. (Continued)

TABLE XI. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.50 TO 0.823 MeV

(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)									
	.00E 00	2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06
0.0	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00	0.00E 00
10.0	1.00E 00	2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06
20.0	2.00E 00	4.00E-07	6.00E-07	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06	7.00E-06
40.0	4.00E 00	8.00E-07	1.20E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06	7.00E-06	8.00E-06
60.0	6.00E 00	1.20E 00	1.80E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06	7.00E-06	8.00E-06	9.00E-06
80.0	8.00E 00	1.60E 00	2.40E-06	4.00E-06	5.00E-06	6.00E-06	7.00E-06	8.00E-06	9.00E-06	1.00E-05
100.0	1.00E 00	2.00E 00	3.00E-06	5.00E-06	7.00E-06	1.00E-05	1.30E-05	1.60E-05	1.90E-05	2.20E-05
120.0	1.20E 00	2.40E 00	3.60E-06	6.00E-06	8.00E-06	1.20E-05	1.60E-05	2.00E-05	2.40E-05	2.80E-05
140.0	1.40E 00	2.80E 00	4.20E-06	7.00E-06	9.00E-06	1.40E-05	1.80E-05	2.20E-05	2.60E-05	3.00E-05
160.0	1.60E 00	3.20E 00	4.80E-06	8.00E-06	1.00E-05	1.60E-05	2.00E-05	2.40E-05	2.80E-05	3.20E-05
180.0	1.80E 00	3.60E 00	5.40E-06	9.00E-06	1.10E-05	1.80E-05	2.20E-05	2.60E-05	3.00E-05	3.40E-05
200.0	2.00E 00	4.00E 00	6.00E-06	1.00E-05	1.20E-05	1.40E-05	1.80E-05	2.20E-05	2.60E-05	3.00E-05
220.0	2.20E 00	4.40E 00	6.60E-06	1.10E-05	1.30E-05	1.50E-05	1.90E-05	2.30E-05	2.70E-05	3.10E-05
240.0	2.40E 00	4.80E 00	7.20E-06	1.20E-05	1.40E-05	1.60E-05	2.00E-05	2.40E-05	2.80E-05	3.20E-05
260.0	2.60E 00	5.20E 00	7.80E-06	1.30E-05	1.50E-05	1.70E-05	2.10E-05	2.50E-05	2.90E-05	3.30E-05
280.0	2.80E 00	5.60E 00	8.40E-06	1.40E-05	1.60E-05	1.80E-05	2.20E-05	2.60E-05	3.00E-05	3.40E-05
300.0	3.00E 00	6.00E 00	9.00E-06	1.50E-05	1.70E-05	1.90E-05	2.30E-05	2.70E-05	3.10E-05	3.50E-05
320.0	3.20E 00	6.40E 00	9.60E-06	1.60E-05	1.80E-05	2.00E-05	2.40E-05	2.80E-05	3.20E-05	3.60E-05
340.0	3.40E 00	6.80E 00	1.02E-05	1.70E-05	1.90E-05	2.10E-05	2.50E-05	2.90E-05	3.30E-05	3.70E-05
360.0	3.60E 00	7.20E 00	1.08E-05	1.80E-05	2.00E-05	2.20E-05	2.60E-05	3.00E-05	3.40E-05	3.80E-05
380.0	3.80E 00	7.60E 00	1.14E-05	1.90E-05	2.10E-05	2.30E-05	2.70E-05	3.10E-05	3.50E-05	3.90E-05
400.0	4.00E 00	8.00E 00	1.20E-05	2.00E-05	2.20E-05	2.40E-05	2.80E-05	3.20E-05	3.60E-05	4.00E-05
420.0	4.20E 00	8.40E 00	1.26E-05	2.10E-05	2.30E-05	2.50E-05	2.90E-05	3.30E-05	3.70E-05	4.10E-05
440.0	4.40E 00	8.80E 00	1.32E-05	2.20E-05	2.40E-05	2.60E-05	3.00E-05	3.40E-05	3.80E-05	4.20E-05
460.0	4.60E 00	9.20E 00	1.38E-05	2.30E-05	2.50E-05	2.70E-05	3.10E-05	3.50E-05	3.90E-05	4.30E-05
480.0	4.80E 00	9.60E 00	1.44E-05	2.40E-05	2.60E-05	2.80E-05	3.20E-05	3.60E-05	4.00E-05	4.40E-05
500.0	5.00E 00	1.00E 00	1.50E-05	2.50E-05	2.70E-05	2.90E-05	3.30E-05	3.70E-05	4.10E-05	4.50E-05
520.0	5.20E 00	1.04E 00	1.56E-05	2.60E-05	2.80E-05	3.00E-05	3.40E-05	3.80E-05	4.20E-05	4.60E-05
540.0	5.40E 00	1.08E 00	1.62E-05	2.70E-05	2.90E-05	3.10E-05	3.50E-05	3.90E-05	4.30E-05	4.70E-05
560.0	5.60E 00	1.12E 00	1.68E-05	2.80E-05	3.00E-05	3.20E-05	3.60E-05	4.00E-05	4.40E-05	4.80E-05
580.0	5.80E 00	1.16E 00	1.74E-05	2.90E-05	3.10E-05	3.30E-05	3.70E-05	4.10E-05	4.50E-05	4.90E-05
600.0	6.00E 00	1.20E 00	1.80E-05	3.00E-05	3.20E-05	3.40E-05	3.80E-05	4.20E-05	4.60E-05	5.00E-05
620.0	6.20E 00	1.24E 00	1.86E-05	3.10E-05	3.30E-05	3.50E-05	3.90E-05	4.30E-05	4.70E-05	5.10E-05
640.0	6.40E 00	1.28E 00	1.92E-05	3.20E-05	3.40E-05	3.60E-05	4.00E-05	4.40E-05	4.80E-05	5.20E-05
660.0	6.60E 00	1.32E 00	1.98E-05	3.30E-05	3.50E-05	3.70E-05	4.10E-05	4.50E-05	4.90E-05	5.30E-05
680.0	6.80E 00	1.36E 00	2.04E-05	3.40E-05	3.60E-05	3.80E-05	4.20E-05	4.60E-05	5.00E-05	5.40E-05
700.0	7.00E 00	1.40E 00	2.10E-05	3.50E-05	3.70E-05	3.90E-05	4.30E-05	4.70E-05	5.10E-05	5.50E-05
720.0	7.20E 00	1.44E 00	2.16E-05	3.60E-05	3.80E-05	4.00E-05	4.40E-05	4.80E-05	5.20E-05	5.60E-05
740.0	7.40E 00	1.48E 00	2.22E-05	3.70E-05	3.90E-05	4.10E-05	4.50E-05	4.90E-05	5.30E-05	5.70E-05
760.0	7.60E 00	1.52E 00	2.28E-05	3.80E-05	4.00E-05	4.20E-05	4.60E-05	5.00E-05	5.40E-05	5.80E-05
780.0	7.80E 00	1.56E 00	2.34E-05	3.90E-05	4.10E-05	4.30E-05	4.70E-05	5.10E-05	5.50E-05	5.90E-05
800.0	8.00E 00	1.60E 00	2.40E-05	4.00E-05	4.20E-05	4.40E-05	4.80E-05	5.20E-05	5.60E-05	6.00E-05
820.0	8.20E 00	1.64E 00	2.46E-05	4.10E-05	4.30E-05	4.50E-05	4.90E-05	5.30E-05	5.70E-05	6.10E-05
840.0	8.40E 00	1.68E 00	2.52E-05	4.20E-05	4.40E-05	4.60E-05	5.00E-05	5.40E-05	5.80E-05	6.20E-05
860.0	8.60E 00	1.72E 00	2.58E-05	4.30E-05	4.50E-05	4.70E-05	5.10E-05	5.50E-05	5.90E-05	6.30E-05
880.0	8.80E 00	1.76E 00	2.64E-05	4.40E-05	4.60E-05	4.80E-05	5.20E-05	5.60E-05	6.00E-05	6.40E-05
900.0	9.00E 00	1.80E 00	2.70E-05	4.50E-05	4.70E-05	4.90E-05	5.30E-05	5.70E-05	6.10E-05	6.50E-05
920.0	9.20E 00	1.84E 00	2.76E-05	4.60E-05	4.80E-05	5.00E-05	5.40E-05	5.80E-05	6.20E-05	6.60E-05
940.0	9.40E 00	1.88E 00	2.82E-05	4.70E-05	4.90E-05	5.10E-05	5.50E-05	5.90E-05	6.30E-05	6.70E-05
960.0	9.60E 00	1.92E 00	2.88E-05	4.80E-05	5.00E-05	5.20E-05	5.60E-05	6.00E-05	6.40E-05	6.80E-05
980.0	9.80E 00	1.96E 00	2.94E-05	4.90E-05	5.10E-05	5.30E-05	5.70E-05	6.10E-05	6.50E-05	6.90E-05
1000.0	1.00E 00	2.00E 00	3.00E-05	5.00E-05	5.20E-05	5.40E-05	5.80E-05	6.20E-05	6.60E-05	7.00E-05
1020.0	1.02E 00	2.04E 00	3.06E-05	5.10E-05	5.30E-05	5.50E-05	5.90E-05	6.30E-05	6.70E-05	7.10E-05
1040.0	1.04E 00	2.08E 00	3.12E-05	5.20E-05	5.40E-05	5.60E-05	6.00E-05	6.40E-05	6.80E-05	7.20E-05
1060.0	1.06E 00	2.12E 00	3.18E-05	5.30E-05	5.50E-05	5.70E-05	6.10E-05	6.50E-05	6.90E-05	7.30E-05
1080.0	1.08E 00	2.16E 00	3.24E-05	5.40E-05	5.60E-05	5.80E-05	6.20E-05	6.60E-05	7.00E-05	7.40E-05
1100.0	1.10E 00	2.20E 00	3.30E-05	5.50E-05	5.70E-05	5.90E-05	6.30E-05	6.70E-05	7.10E-05	7.50E-05
1120.0	1.12E 00	2.24E 00	3.36E-05	5.60E-05	5.80E-05	6.00E-05	6.40E-05	6.80E-05	7.20E-05	7.60E-05
1140.0	1.14E 00	2.28E 00	3.42E-05	5.70E-05	5.90E-05	6.10E-05	6.50E-05	6.90E-05	7.30E-05	7.70E-05
1160.0	1.16E 00	2.32E 00	3.48E-05	5.80E-05	6.00E-05	6.20E-05	6.60E-05	7.00E-05	7.40E-05	7.80E-05
1180.0	1.18E 00	2.36E 00	3.54E-05	5.90E-05	6.10E-05	6.30E-05	6.70E-05	7.10E-05	7.50E-05	7.90E-05
1200.0	1.20E 00	2.40E 00	3.60E-05	6.00E-05	6.20E-05	6.40E-05	6.80E-05	7.20E-05	7.60E-05	8.00E-05
1220.0	1.22E 00	2.44E 00	3.66E-05	6.10E-05	6.30E-05	6.50E-05	6.90E-05	7.30E-05	7.70E-05	8.10E-05
1240.0	1.24E 00	2.48E 00	3.72E-05	6.20E-05	6.40E-05	6.60E-05	7.00E-05	7.40E-05	7.80E-05	8.20E-05
1260.0	1.26E 00	2.52E 00	3.78E-05	6.30E-05	6.50E-05	6.70E-05	7.10E-05	7.50E-05	7.90E-05	8.30E-05
1280.0	1.28E 00	2.56E 00	3.84E-05	6.40E-05	6.60E-05	6.80E-05	7.20E-05	7.60E-05	8.00E-05	8.40E-05
1300.0	1.30E 00	2.60E 00	3.90E-05	6.50E-05	6.70E-05	6.90E-05	7.30E-05	7.70E-05	8.10E-05	8.50E-05
1320.0	1.32E 00	2.64E 00	3.96E-05	6.60E-05	6.80E-05	7.00E-05	7.40E-05	7.80E-05	8.20E-05	8.60E-05
1340.0	1.34E 00	2.68E 00	4.02E-05	6.70E-05	6.90E-05	7.10E-05	7.50E-05	7.90E-05	8.30E-05	8.70E-05
1360.0	1.36E 00	2.72E 00	4.08E-05	6.80E-05	7.00E-05	7.20E-05	7.60E-05	8.00E-05	8.40E-05	8.80E-05
1380.0	1.38E 00	2.76E 00	4.14E-05	6.90E-05	7.10E-05	7.30E-05	7.70E-05	8.10E-05	8.50E-05	8.90E-05
1400.0	1.40E 00	2.80E 00	4.20E-05	7.00E-05	7.20E-05	7.40E-05	7.80E-05	8.20E-05	8.60E-05	9.00E-05
1420.0	1.42E 00	2.84E 00	4.26E-05	7.10E-05	7.30E-05	7.50E-05	7.90E-05	8.30E-05	8.70E-05	9.10E-05
1440.0	1.44E 0									

TABLE XI. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1}/\text{source neutron})$

TABLE XI. (Continued)
 $(\text{kev m}^{-3} \text{sec}^{-1}/\text{source neutron})$

TABLE XI. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1} / \text{source neutron})$

TABLE XII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.823 TO 1.353 MeV

(keV m⁻³ sec⁻¹/source neutron)

TABLE XII. (Continued)

TABLE XII. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1}) / \text{source neutron}$

TABLE XII. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1} / \text{source neutron}$

		8.230E-01 TO 1.353E 00 MEV SECONDARY GAMMAS		
		DELAY TIME (SEC)		
RADIAL DISTANCE INTERVAL (METERS)	1.00E-03	2.00E-03	3.50E-03	1.50E-02
0.0	1.00E-03	0.00E+00	0.00E+00	0.00E+00
0.0	2.00E-03	0.00E+00	0.00E+00	0.00E+00
0.0	3.50E-03	0.00E+00	0.00E+00	0.00E+00
0.0	1.50E-02	0.00E+00	0.00E+00	0.00E+00
1.00E-03	-	-	-	-
2.00E-03	-	-	-	-
3.50E-03	-	-	-	-
1.50E-02	-	-	-	-
TOTAL ENERGY DEPOSITION/SEC				
	6.116E 03	4.174E 03	6.094E 03	2.643E 03

TABLE XIII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 1.353 TO 1.738 MeV

(keV m⁻³ sec⁻¹ / source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)					
	.00E 00	2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06
0	0	0	0	0	0	0
10	1.0	0	0	0	0	0
20	1.20	0	0	0	0	0
30	1.40	0	0	0	0	0
40	1.60	0	0	0	0	0
60	2.00	0	0	0	0	0
80	2.40	0	0	0	0	0
100	2.80	0	0	0	0	0
120	3.20	0	0	0	0	0
140	3.60	0	0	0	0	0
160	4.00	0	0	0	0	0
180	4.40	0	0	0	0	0
200	4.80	0	0	0	0	0
220	5.20	0	0	0	0	0
240	5.60	0	0	0	0	0
260	6.00	0	0	0	0	0
280	6.40	0	0	0	0	0
300	6.80	0	0	0	0	0
320	7.20	0	0	0	0	0
340	7.60	0	0	0	0	0
360	8.00	0	0	0	0	0
380	8.40	0	0	0	0	0
400	8.80	0	0	0	0	0
420	9.20	0	0	0	0	0
440	9.60	0	0	0	0	0
460	10.0	0	0	0	0	0
480	10.40	0	0	0	0	0
500	10.80	0	0	0	0	0
520	11.20	0	0	0	0	0
540	11.60	0	0	0	0	0
560	12.00	0	0	0	0	0
580	12.40	0	0	0	0	0
600	12.80	0	0	0	0	0
620	13.20	0	0	0	0	0
640	13.60	0	0	0	0	0
660	14.00	0	0	0	0	0
680	14.40	0	0	0	0	0
700	14.80	0	0	0	0	0
720	15.20	0	0	0	0	0
740	15.60	0	0	0	0	0
760	16.00	0	0	0	0	0
780	16.40	0	0	0	0	0
800	16.80	0	0	0	0	0
820	17.20	0	0	0	0	0
840	17.60	0	0	0	0	0
860	18.00	0	0	0	0	0
880	18.40	0	0	0	0	0
900	18.80	0	0	0	0	0
920	19.20	0	0	0	0	0
940	19.60	0	0	0	0	0
960	20.00	0	0	0	0	0
980	20.40	0	0	0	0	0
1000	20.80	0	0	0	0	0
1020	21.20	0	0	0	0	0
1040	21.60	0	0	0	0	0
1060	22.00	0	0	0	0	0
1080	22.40	0	0	0	0	0
1100	22.80	0	0	0	0	0
1120	23.20	0	0	0	0	0
1140	23.60	0	0	0	0	0
1160	24.00	0	0	0	0	0
1180	24.40	0	0	0	0	0
1200	24.80	0	0	0	0	0
1220	25.20	0	0	0	0	0
1240	25.60	0	0	0	0	0
1260	26.00	0	0	0	0	0
1280	26.40	0	0	0	0	0
1300	26.80	0	0	0	0	0
1320	27.20	0	0	0	0	0
1340	27.60	0	0	0	0	0
1360	28.00	0	0	0	0	0
1380	28.40	0	0	0	0	0
1400	28.80	0	0	0	0	0
1420	29.20	0	0	0	0	0
1440	29.60	0	0	0	0	0
1460	30.00	0	0	0	0	0
1480	30.40	0	0	0	0	0
1500	30.80	0	0	0	0	0
1520	31.20	0	0	0	0	0
1540	31.60	0	0	0	0	0
1560	32.00	0	0	0	0	0
1580	32.40	0	0	0	0	0
1600	32.80	0	0	0	0	0
1620	33.20	0	0	0	0	0
1640	33.60	0	0	0	0	0
1660	34.00	0	0	0	0	0
1680	34.40	0	0	0	0	0
1700	34.80	0	0	0	0	0
1720	35.20	0	0	0	0	0
1740	35.60	0	0	0	0	0
1760	36.00	0	0	0	0	0
1780	36.40	0	0	0	0	0
1800	36.80	0	0	0	0	0
1820	37.20	0	0	0	0	0
1840	37.60	0	0	0	0	0
1860	38.00	0	0	0	0	0
1880	38.40	0	0	0	0	0
1900	38.80	0	0	0	0	0
1920	39.20	0	0	0	0	0
1940	39.60	0	0	0	0	0
1960	40.00	0	0	0	0	0
1980	40.40	0	0	0	0	0
2000	40.80	0	0	0	0	0
2020	41.20	0	0	0	0	0
2040	41.60	0	0	0	0	0
2060	42.00	0	0	0	0	0
2080	42.40	0	0	0	0	0
2100	42.80	0	0	0	0	0
2120	43.20	0	0	0	0	0
2140	43.60	0	0	0	0	0
2160	44.00	0	0	0	0	0
2180	44.40	0	0	0	0	0
2200	44.80	0	0	0	0	0
2220	45.20	0	0	0	0	0
2240	45.60	0	0	0	0	0
2260	46.00	0	0	0	0	0
2280	46.40	0	0	0	0	0
2300	46.80	0	0	0	0	0
2320	47.20	0	0	0	0	0
2340	47.60	0	0	0	0	0
2360	48.00	0	0	0	0	0
2380	48.40	0	0	0	0	0
2400	48.80	0	0	0	0	0
2420	49.20	0	0	0	0	0
2440	49.60	0	0	0	0	0
2460	50.00	0	0	0	0	0
2480	50.40	0	0	0	0	0
2500	50.80	0	0	0	0	0
2520	51.20	0	0	0	0	0
2540	51.60	0	0	0	0	0
2560	52.00	0	0	0	0	0
2580	52.40	0	0	0	0	0
2600	52.80	0	0	0	0	0
2620	53.20	0	0	0	0	0
2640	53.60	0	0	0	0	0
2660	54.00	0	0	0	0	0
2680	54.40	0	0	0	0	0
2700	54.80	0	0	0	0	0
2720	55.20	0	0	0	0	0
2740	55.60	0	0	0	0	0
2760	56.00	0	0	0	0	0
2780	56.40	0	0	0	0	0
2800	56.80	0	0	0	0	0
2820	57.20	0	0	0	0	0
2840	57.60	0	0	0	0	0
2860	58.00	0	0	0	0	0
2880	58.40	0	0	0	0	0
2900	58.80	0	0	0	0	0
2920	59.20	0	0	0	0	0
2940	59.60	0	0	0	0	0
2960	60.00	0	0	0	0	0
2980	60.40	0	0	0	0	0
3000	60.80	0	0	0	0	0
3020	61.20	0	0	0	0	0
3040	61.60	0	0	0	0	0
3060	62.00	0	0	0	0	0
3080	62.40	0	0	0	0	0
3100	62.80	0	0	0	0	0
3120	63.20	0	0	0	0	0
3140	63.60	0	0	0	0	0
3160	64.00	0	0	0	0	0
3180	64.40	0	0	0	0	0
3200	64.80	0	0	0	0	0
3220	65.20	0	0	0	0	0
3240	65.60	0	0	0	0	0
3260	66.00	0	0	0	0	0
3280	66.40	0	0	0	0	0
3300	66.80	0	0	0	0	0
3320	67.20	0	0	0	0	0
3340	67.60	0	0	0	0	0
3360	68.00	0	0	0	0	0
3380	68.40	0	0	0	0	0
3400	68.80	0	0	0	0	0
3420	69.20	0	0	0	0	0
3440	69.60	0	0	0	0	0
3460	70.00	0	0	0	0	0
3480	70.40	0	0	0	0	0
3500	70.80	0	0	0	0	0
3520	71.20	0	0	0	0	0
3540	71.60	0	0	0	0	0
3560	72.00	0	0	0	0	0
3580	72.40	0	0	0	0	0
3600	72.80	0	0	0	0	0
3620	73.20	0	0	0	0	0
3640	73.60	0	0	0	0	0
3660	74.00	0	0	0	0	0
3680	74.40	0	0	0	0	0
3700	74.80	0	0	0	0	0
3720	75.20	0	0	0	0	0
3740	75.60	0	0	0	0	0
3760	76.00	0	0	0	0	0
3780	76.40	0	0	0	0	0
3800	76.80	0	0	0	0	0
3820	77.20	0	0	0	0	0
3840	77.60	0	0	0	0	0
3860	78.00	0	0	0	0	0
3880	78.40	0	0	0	0	0
3900	78.80	0	0	0	0	0
3920	79.20	0	0	0	0	0
3940	79.60	0	0	0	0	0
3960	80.00	0	0	0	0	0
3980	80.40	0	0	0	0	0
4000	80.80	0	0	0	0	0
4020	81.20	0</td				

TABLE XIII. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1} / \text{source neutron})$

TABLE XIII. (Continued)
 (keV m⁻³ sec⁻¹/source neutron)

TABLE XIII. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1} / \text{source neutron})$

TABLE XIV. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 1.738 TO 2.232 MeV

(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DEPOSITION/SEC			TOTAL ENERGY
	1	2	3	
0.0E+00	2.00E-07	3.00E-07	5.00E-07	2.00E-06
2.00E-07	3.00E-07	5.00E-07	1.00E-06	3.00E-06
4.00E-07	5.00E-07	8.00E-07	2.00E-06	5.00E-06
6.00E-07	8.00E-07	1.30E-06	3.00E-06	7.00E-06
8.00E-07	1.30E-06	2.00E-06	5.00E-06	1.00E-05
1.00E-06	2.00E-06	3.00E-06	8.00E-06	1.50E-05
1.20E-06	3.00E-06	5.00E-06	1.20E-05	2.00E-05
1.40E-06	5.00E-06	8.00E-06	1.40E-05	2.50E-05
1.60E-06	8.00E-06	1.20E-05	1.60E-05	3.00E-05
1.80E-06	1.20E-05	1.60E-05	1.80E-05	4.00E-05
2.00E-06	1.60E-05	2.00E-05	2.00E-05	5.00E-05
2.20E-06	2.00E-05	2.40E-05	2.20E-05	6.00E-05
2.40E-06	2.40E-05	2.80E-05	2.40E-05	7.00E-05
2.60E-06	2.80E-05	3.20E-05	2.60E-05	8.00E-05
2.80E-06	3.20E-05	3.60E-05	2.80E-05	9.00E-05
3.00E-06	3.60E-05	4.00E-05	3.00E-05	1.00E-04
3.20E-06	4.00E-05	4.40E-05	3.20E-05	1.10E-04
3.40E-06	4.40E-05	4.80E-05	3.40E-05	1.20E-04
3.60E-06	4.80E-05	5.20E-05	3.60E-05	1.30E-04
3.80E-06	5.20E-05	5.60E-05	3.80E-05	1.40E-04
4.00E-06	5.60E-05	6.00E-05	4.00E-05	1.50E-04
4.20E-06	6.00E-05	6.40E-05	4.20E-05	1.60E-04
4.40E-06	6.40E-05	6.80E-05	4.40E-05	1.70E-04
4.60E-06	6.80E-05	7.20E-05	4.60E-05	1.80E-04
4.80E-06	7.20E-05	7.60E-05	4.80E-05	1.90E-04
5.00E-06	7.60E-05	8.00E-05	5.00E-05	2.00E-04
5.20E-06	8.00E-05	8.40E-05	5.20E-05	2.10E-04
5.40E-06	8.40E-05	8.80E-05	5.40E-05	2.20E-04
5.60E-06	8.80E-05	9.20E-05	5.60E-05	2.30E-04
5.80E-06	9.20E-05	9.60E-05	5.80E-05	2.40E-04
6.00E-06	9.60E-05	1.00E-04	6.00E-05	2.50E-04
6.20E-06	1.00E-04	1.04E-04	6.20E-05	2.60E-04
6.40E-06	1.04E-04	1.08E-04	6.40E-05	2.70E-04
6.60E-06	1.08E-04	1.12E-04	6.60E-05	2.80E-04
6.80E-06	1.12E-04	1.16E-04	6.80E-05	2.90E-04
7.00E-06	1.16E-04	1.20E-04	7.00E-05	3.00E-04
7.20E-06	1.20E-04	1.24E-04	7.20E-05	3.10E-04
7.40E-06	1.24E-04	1.28E-04	7.40E-05	3.20E-04
7.60E-06	1.28E-04	1.32E-04	7.60E-05	3.30E-04
7.80E-06	1.32E-04	1.36E-04	7.80E-05	3.40E-04
8.00E-06	1.36E-04	1.40E-04	8.00E-05	3.50E-04
8.20E-06	1.40E-04	1.44E-04	8.20E-05	3.60E-04
8.40E-06	1.44E-04	1.48E-04	8.40E-05	3.70E-04
8.60E-06	1.48E-04	1.52E-04	8.60E-05	3.80E-04
8.80E-06	1.52E-04	1.56E-04	8.80E-05	3.90E-04
9.00E-06	1.56E-04	1.60E-04	9.00E-05	4.00E-04
9.20E-06	1.60E-04	1.64E-04	9.20E-05	4.10E-04
9.40E-06	1.64E-04	1.68E-04	9.40E-05	4.20E-04
9.60E-06	1.68E-04	1.72E-04	9.60E-05	4.30E-04
9.80E-06	1.72E-04	1.76E-04	9.80E-05	4.40E-04
1.00E-05	1.76E-04	1.80E-04	1.00E-04	4.50E-04
1.04E-05	1.80E-04	1.84E-04	1.04E-04	4.60E-04
1.08E-05	1.84E-04	1.88E-04	1.08E-04	4.70E-04
1.12E-05	1.88E-04	1.92E-04	1.12E-04	4.80E-04
1.16E-05	1.92E-04	1.96E-04	1.16E-04	4.90E-04
1.20E-05	1.96E-04	2.00E-04	1.20E-04	5.00E-04
1.24E-05	2.00E-04	2.04E-04	1.24E-04	5.10E-04
1.28E-05	2.04E-04	2.08E-04	1.28E-04	5.20E-04
1.32E-05	2.08E-04	2.12E-04	1.32E-04	5.30E-04
1.36E-05	2.12E-04	2.16E-04	1.36E-04	5.40E-04
1.40E-05	2.16E-04	2.20E-04	1.40E-04	5.50E-04
1.44E-05	2.20E-04	2.24E-04	1.44E-04	5.60E-04
1.48E-05	2.24E-04	2.28E-04	1.48E-04	5.70E-04
1.52E-05	2.28E-04	2.32E-04	1.52E-04	5.80E-04
1.56E-05	2.32E-04	2.36E-04	1.56E-04	5.90E-04
1.60E-05	2.36E-04	2.40E-04	1.60E-04	6.00E-04
1.64E-05	2.40E-04	2.44E-04	1.64E-04	6.10E-04
1.68E-05	2.44E-04	2.48E-04	1.68E-04	6.20E-04
1.72E-05	2.48E-04	2.52E-04	1.72E-04	6.30E-04
1.76E-05	2.52E-04	2.56E-04	1.76E-04	6.40E-04
1.80E-05	2.56E-04	2.60E-04	1.80E-04	6.50E-04
1.84E-05	2.60E-04	2.64E-04	1.84E-04	6.60E-04
1.88E-05	2.64E-04	2.68E-04	1.88E-04	6.70E-04
1.92E-05	2.68E-04	2.72E-04	1.92E-04	6.80E-04
1.96E-05	2.72E-04	2.76E-04	1.96E-04	6.90E-04
2.00E-05	2.76E-04	2.80E-04	2.00E-04	7.00E-04
2.04E-05	2.80E-04	2.84E-04	2.04E-04	7.10E-04
2.08E-05	2.84E-04	2.88E-04	2.08E-04	7.20E-04
2.12E-05	2.88E-04	2.92E-04	2.12E-04	7.30E-04
2.16E-05	2.92E-04	2.96E-04	2.16E-04	7.40E-04
2.20E-05	2.96E-04	3.00E-04	2.20E-04	7.50E-04
2.24E-05	3.00E-04	3.04E-04	2.24E-04	7.60E-04
2.28E-05	3.04E-04	3.08E-04	2.28E-04	7.70E-04
2.32E-05	3.08E-04	3.12E-04	2.32E-04	7.80E-04
2.36E-05	3.12E-04	3.16E-04	2.36E-04	7.90E-04
2.40E-05	3.16E-04	3.20E-04	2.40E-04	8.00E-04
2.44E-05	3.20E-04	3.24E-04	2.44E-04	8.10E-04
2.48E-05	3.24E-04	3.28E-04	2.48E-04	8.20E-04
2.52E-05	3.28E-04	3.32E-04	2.52E-04	8.30E-04
2.56E-05	3.32E-04	3.36E-04	2.56E-04	8.40E-04
2.60E-05	3.36E-04	3.40E-04	2.60E-04	8.50E-04
2.64E-05	3.40E-04	3.44E-04	2.64E-04	8.60E-04
2.68E-05	3.44E-04	3.48E-04	2.68E-04	8.70E-04
2.72E-05	3.48E-04	3.52E-04	2.72E-04	8.80E-04
2.76E-05	3.52E-04	3.56E-04	2.76E-04	8.90E-04
2.80E-05	3.56E-04	3.60E-04	2.80E-04	9.00E-04
2.84E-05	3.60E-04	3.64E-04	2.84E-04	9.10E-04
2.88E-05	3.64E-04	3.68E-04	2.88E-04	9.20E-04
2.92E-05	3.68E-04	3.72E-04	2.92E-04	9.30E-04
2.96E-05	3.72E-04	3.76E-04	2.96E-04	9.40E-04
3.00E-05	3.76E-04	3.80E-04	3.00E-04	9.50E-04
3.04E-05	3.80E-04	3.84E-04	3.04E-04	9.60E-04
3.08E-05	3.84E-04	3.88E-04	3.08E-04	9.70E-04
3.12E-05	3.88E-04	3.92E-04	3.12E-04	9.80E-04
3.16E-05	3.92E-04	3.96E-04	3.16E-04	9.90E-04
3.20E-05	3.96E-04	4.00E-04	3.20E-04	1.00E-03
3.24E-05	4.00E-04	4.04E-04	3.24E-04	1.01E-03
3.28E-05	4.04E-04	4.08E-04	3.28E-04	1.02E-03
3.32E-05	4.08E-04	4.12E-04	3.32E-04	1.03E-03
3.36E-05	4.12E-04	4.16E-04	3.36E-04	1.04E-03
3.40E-05	4.16E-04	4.20E-04	3.40E-04	1.05E-03
3.44E-05	4.20E-04	4.24E-04	3.44E-04	1.06E-03
3.48E-05	4.24E-04	4.28E-04	3.48E-04	1.07E-03
3.52E-05	4.28E-04	4.32E-04	3.52E-04	1.08E-03
3.56E-05	4.32E-04	4.36E-04	3.56E-04	1.09E-03
3.60E-05	4.36E-04	4.40E-04	3.60E-04	1.10E-03
3.64E-05	4.40E-04	4.44E-04	3.64E-04	1.11E-03
3.68E-05	4.44E-04	4.48E-04	3.68E-04	1.12E-03
3.72E-05	4.48E-04	4.52E-04	3.72E-04	1.13E-03
3.76E-05	4.52E-04	4.56E-04	3.76E-04	1.14E-03
3.80E-05	4.56E-04	4.60E-04	3.80E-04	1.15E-03
3.84E-05	4.60E-04	4.64E-04	3.84E-04	1.16E-03
3.88E-05	4.64E-04	4.68E-04	3.88E-04	1.17E-03
3.92E-05	4.68E-04	4.72E-04	3.92E-04	1.18E-03
3.96E-05	4.72E-04	4.76E-04	3.96E-04	1.19E-03
4.00E-05	4.76E-04	4.80E-04	4.00E-04	1.20E-03
4.04E-05	4.80E-04	4.84E-04	4.04E-04	1.21E-03
4.08E-05	4.84E-04	4.88E-04	4.08E-04	1.22E-03
4.12E-05	4.88E-04	4.92E-04	4.12E-04	1.23E-03
4.16E-05	4.92E-04	4.96E-04	4.16E-04	1.24E-03
4.20E-05	4.96E-04	5.00E-04	4.20E-04	1.25E-03
4.24E-05	5.00E-04	5.04E-04	4.24E-04	1.26E-03
4.28E-05	5.04E-04	5.08E-04	4.28E-04	1.27E-03
4.32E-05	5.08E-04	5.12E-04	4.32E-04	1.28E-03
4.36E-05	5.12E-04	5.16E-04	4.36E-04	1.29E-03
4.40E-05	5.16E-04	5.20E-04	4.40E-04	1.30E-03
4.44E-05	5.20E-04	5.24E-04	4.44E-04	1.31E-03
4.48E-05	5.24E-04	5.28E-04	4.48E-04	1.32E-03
4.52E-05	5.28E-04	5.32E-04	4.52E-04	1.33E-03
4.56E-05	5.32E-04	5.36E-04	4.56E-04	1.34E-03
4.60E-05	5.36E-04	5.40E-04	4.60E-04	1.35E-03
4.64E-05	5.40E-04	5.44E-04	4.64E-04	1.36E-03
4.68E-05	5.44E-04	5.48E-04	4.68E-04	1.37E-03
4.72E-05	5.48E-04	5.52E-04	4.72E-04	1.38E-03
4.76E-05	5.52E-04	5.56E-04	4.76E-04	1.39E-03
4.80E-05	5.56E-04	5.60E-04	4.80E-04	1.40E-03
4.84E-05	5.60E-04	5.64E-04	4.84E-04	1.41E-03
4.88E-05	5.64E-04	5.68E-04	4.88E-04	1.42E-03
4.92E-05	5.68E-04	5.72E-04	4.92E-04	1.43E-03
4.96E-05	5.72E-04	5.76E-04	4.96E-04	1.44E-03
5.00E-05	5.76E-04	5.80E-04	5.00E-04	1.45E-03
5.04E-05	5.80E-04	5.84E-04	5.04E-04	1.46E-03
5.08E-05	5.84E-04	5.88E-04	5.08E-04	1.47E-03
5.12E-05	5.88E-04	5.92E-04	5.12E-04	1.48E-03
5.16E-05	5.92E-04	5.96E-04	5.16E-04	1.49E-03
5.20E-05	5.96E-04	6.00E-04	5.20E-04	1.50E-03
5.24E-05	6.00E-04	6.04E-04	5.24E-04	1.51E-03
5.28E-05	6.04E-04	6.08E-04	5.28E-04	1.52E-03
5.32E-05	6.08E-04	6.12E-04	5.32E-04	1.53E-03
5.36E-05	6.12E-04	6.16E-04	5.36E-04	1.54E-03
5.40E-05	6.16E-04	6.20E-04	5.40E-04	1.55E-03
5.44E-05	6.20E-04	6.24E-04	5.44E-04	1.56E-03
5.48E-05	6.24E-04	6.28E-04	5.48E-04	1.57E-03
5.52E-05	6.28E-04	6.32E-04	5.52E-04	1.58E-03
5.56E-05	6.32E-04	6.36E-04	5.56E-04	1.59E-03
5.60E-05	6.36E-04	6.40E-04	5.60E-04	1.60E-03
5.64E-05	6.40E-04	6.44E-04	5.64E-04	1.61E-03
5.68E-05	6.44E-04	6.48E-04	5.68E-04	1.62E-03
5.72E-05	6.48E-04	6.52E-04	5.72E-04	1.63E-03
5.76E-05	6.52E-04	6.56E-04	5.76E-04	1.64E-03
5.80E-05	6.56E-04	6.60E-04	5.80E-04	1.65E-03
5.84E-05	6.60E-04	6.64E-04	5.84E-04	1.66E-03
5.88E-05	6.64E-04	6.68E-04	5.88E-04	1.67E-03
5.92E-05	6.68E-04	6.72E-		

TABLE XIV. . (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1}) / \text{source neutron}$

TABLE XIV. (Continued)

RADIAL DISTANCE INTERVAL (METERS)		TIME (SEC)		DELAY TIME (SEC)		1.738E 00 TO 2.232E 00 MEV SECONDARY GAMMAS	
		5.00E-05	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04
5.00E-05	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04	4.00E-04	7.00E-04
1.00E-04	1.40E-04	2.00E-04	3.00E-04	6.00E-04	1.00E-03	1.00E-03	1.00E-03
1.40E-04	2.00E-04	3.00E-04	4.00E-04	8.00E-04	1.30E-03	1.30E-03	1.30E-03
2.00E-04	3.00E-04	4.00E-04	6.00E-04	1.20E-03	2.00E-03	2.00E-03	2.00E-03
3.00E-04	4.00E-04	6.00E-04	8.00E-04	1.80E-03	3.00E-03	3.00E-03	3.00E-03
4.00E-04	5.00E-04	7.00E-04	9.00E-04	2.40E-03	4.00E-03	4.00E-03	4.00E-03
5.00E-04	6.00E-04	8.00E-04	1.00E-03	3.00E-03	5.00E-03	5.00E-03	5.00E-03
6.00E-04	7.00E-04	9.00E-04	1.10E-03	3.60E-03	6.00E-03	6.00E-03	6.00E-03
7.00E-04	8.00E-04	1.00E-03	1.20E-03	4.20E-03	6.60E-03	6.60E-03	6.60E-03
8.00E-04	9.00E-04	1.10E-03	1.30E-03	4.80E-03	7.20E-03	7.20E-03	7.20E-03
9.00E-04	1.00E-03	1.20E-03	1.40E-03	5.40E-03	7.80E-03	7.80E-03	7.80E-03
1.00E-03	1.10E-03	1.30E-03	1.50E-03	6.00E-03	8.40E-03	8.40E-03	8.40E-03
1.10E-03	1.20E-03	1.40E-03	1.60E-03	6.60E-03	9.00E-03	9.00E-03	9.00E-03
1.20E-03	1.30E-03	1.50E-03	1.70E-03	7.20E-03	9.60E-03	9.60E-03	9.60E-03
1.30E-03	1.40E-03	1.60E-03	1.80E-03	7.80E-03	1.02E-02	1.02E-02	1.02E-02
1.40E-03	1.50E-03	1.70E-03	1.90E-03	8.40E-03	1.08E-02	1.08E-02	1.08E-02
1.50E-03	1.60E-03	1.80E-03	2.00E-03	9.00E-03	1.14E-02	1.14E-02	1.14E-02
1.60E-03	1.70E-03	1.90E-03	2.10E-03	9.60E-03	1.20E-02	1.20E-02	1.20E-02
1.70E-03	1.80E-03	2.00E-03	2.20E-03	1.02E-02	1.26E-02	1.26E-02	1.26E-02
1.80E-03	1.90E-03	2.10E-03	2.30E-03	1.08E-02	1.32E-02	1.32E-02	1.32E-02
1.90E-03	2.00E-03	2.20E-03	2.40E-03	1.14E-02	1.38E-02	1.38E-02	1.38E-02
2.00E-03	2.10E-03	2.30E-03	2.50E-03	1.20E-02	1.44E-02	1.44E-02	1.44E-02
2.10E-03	2.20E-03	2.40E-03	2.60E-03	1.26E-02	1.50E-02	1.50E-02	1.50E-02
2.20E-03	2.30E-03	2.50E-03	2.70E-03	1.32E-02	1.56E-02	1.56E-02	1.56E-02
2.30E-03	2.40E-03	2.60E-03	2.80E-03	1.38E-02	1.62E-02	1.62E-02	1.62E-02
2.40E-03	2.50E-03	2.70E-03	2.90E-03	1.44E-02	1.68E-02	1.68E-02	1.68E-02
2.50E-03	2.60E-03	2.80E-03	3.00E-03	1.50E-02	1.74E-02	1.74E-02	1.74E-02
2.60E-03	2.70E-03	2.90E-03	3.10E-03	1.56E-02	1.80E-02	1.80E-02	1.80E-02
2.70E-03	2.80E-03	3.00E-03	3.20E-03	1.62E-02	1.86E-02	1.86E-02	1.86E-02
2.80E-03	2.90E-03	3.10E-03	3.30E-03	1.68E-02	1.92E-02	1.92E-02	1.92E-02
2.90E-03	3.00E-03	3.20E-03	3.40E-03	1.74E-02	1.98E-02	1.98E-02	1.98E-02
3.00E-03	3.10E-03	3.30E-03	3.50E-03	1.80E-02	2.04E-02	2.04E-02	2.04E-02
3.10E-03	3.20E-03	3.40E-03	3.60E-03	1.86E-02	2.10E-02	2.10E-02	2.10E-02
3.20E-03	3.30E-03	3.50E-03	3.70E-03	1.92E-02	2.16E-02	2.16E-02	2.16E-02
3.30E-03	3.40E-03	3.60E-03	3.80E-03	1.98E-02	2.22E-02	2.22E-02	2.22E-02
3.40E-03	3.50E-03	3.70E-03	3.90E-03	2.04E-02	2.28E-02	2.28E-02	2.28E-02
3.50E-03	3.60E-03	3.80E-03	4.00E-03	2.10E-02	2.34E-02	2.34E-02	2.34E-02
3.60E-03	3.70E-03	3.90E-03	4.10E-03	2.16E-02	2.40E-02	2.40E-02	2.40E-02
3.70E-03	3.80E-03	4.00E-03	4.20E-03	2.22E-02	2.46E-02	2.46E-02	2.46E-02
3.80E-03	3.90E-03	4.10E-03	4.30E-03	2.28E-02	2.52E-02	2.52E-02	2.52E-02
3.90E-03	4.00E-03	4.20E-03	4.40E-03	2.34E-02	2.58E-02	2.58E-02	2.58E-02
4.00E-03	4.10E-03	4.30E-03	4.50E-03	2.40E-02	2.64E-02	2.64E-02	2.64E-02
4.10E-03	4.20E-03	4.40E-03	4.60E-03	2.46E-02	2.70E-02	2.70E-02	2.70E-02
4.20E-03	4.30E-03	4.50E-03	4.70E-03	2.52E-02	2.76E-02	2.76E-02	2.76E-02
4.30E-03	4.40E-03	4.60E-03	4.80E-03	2.58E-02	2.82E-02	2.82E-02	2.82E-02
4.40E-03	4.50E-03	4.70E-03	4.90E-03	2.64E-02	2.88E-02	2.88E-02	2.88E-02
4.50E-03	4.60E-03	4.80E-03	5.00E-03	2.70E-02	2.94E-02	2.94E-02	2.94E-02
4.60E-03	4.70E-03	4.90E-03	5.10E-03	2.76E-02	3.00E-02	3.00E-02	3.00E-02
4.70E-03	4.80E-03	5.00E-03	5.20E-03	2.82E-02	3.06E-02	3.06E-02	3.06E-02
4.80E-03	4.90E-03	5.10E-03	5.30E-03	2.88E-02	3.12E-02	3.12E-02	3.12E-02
4.90E-03	5.00E-03	5.20E-03	5.40E-03	2.94E-02	3.18E-02	3.18E-02	3.18E-02
5.00E-03	5.10E-03	5.30E-03	5.50E-03	3.00E-02	3.24E-02	3.24E-02	3.24E-02
5.10E-03	5.20E-03	5.40E-03	5.60E-03	3.06E-02	3.30E-02	3.30E-02	3.30E-02
5.20E-03	5.30E-03	5.50E-03	5.70E-03	3.12E-02	3.36E-02	3.36E-02	3.36E-02
5.30E-03	5.40E-03	5.60E-03	5.80E-03	3.18E-02	3.42E-02	3.42E-02	3.42E-02
5.40E-03	5.50E-03	5.70E-03	5.90E-03	3.24E-02	3.48E-02	3.48E-02	3.48E-02
5.50E-03	5.60E-03	5.80E-03	6.00E-03	3.30E-02	3.54E-02	3.54E-02	3.54E-02
5.60E-03	5.70E-03	5.90E-03	6.10E-03	3.36E-02	3.60E-02	3.60E-02	3.60E-02
5.70E-03	5.80E-03	6.00E-03	6.20E-03	3.42E-02	3.66E-02	3.66E-02	3.66E-02
5.80E-03	5.90E-03	6.10E-03	6.30E-03	3.48E-02	3.72E-02	3.72E-02	3.72E-02
5.90E-03	6.00E-03	6.20E-03	6.40E-03	3.54E-02	3.78E-02	3.78E-02	3.78E-02
6.00E-03	6.10E-03	6.30E-03	6.50E-03	3.60E-02	3.84E-02	3.84E-02	3.84E-02
6.10E-03	6.20E-03	6.40E-03	6.60E-03	3.66E-02	3.90E-02	3.90E-02	3.90E-02
6.20E-03	6.30E-03	6.50E-03	6.70E-03	3.72E-02	3.96E-02	3.96E-02	3.96E-02
6.30E-03	6.40E-03	6.60E-03	6.80E-03	3.78E-02	4.02E-02	4.02E-02	4.02E-02
6.40E-03	6.50E-03	6.70E-03	6.90E-03	3.84E-02	4.08E-02	4.08E-02	4.08E-02
6.50E-03	6.60E-03	6.80E-03	7.00E-03	3.90E-02	4.14E-02	4.14E-02	4.14E-02
6.60E-03	6.70E-03	6.90E-03	7.10E-03	3.96E-02	4.20E-02	4.20E-02	4.20E-02
6.70E-03	6.80E-03	7.00E-03	7.20E-03	4.02E-02	4.26E-02	4.26E-02	4.26E-02
6.80E-03	6.90E-03	7.10E-03	7.30E-03	4.08E-02	4.32E-02	4.32E-02	4.32E-02
6.90E-03	7.00E-03	7.20E-03	7.40E-03	4.14E-02	4.38E-02	4.38E-02	4.38E-02
7.00E-03	7.10E-03	7.30E-03	7.50E-03	4.20E-02	4.44E-02	4.44E-02	4.44E-02
7.10E-03	7.20E-03	7.40E-03	7.60E-03	4.26E-02	4.50E-02	4.50E-02	4.50E-02
7.20E-03	7.30E-03	7.50E-03	7.70E-03	4.32E-02	4.56E-02	4.56E-02	4.56E-02
7.30E-03	7.40E-03	7.60E-03	7.80E-03	4.38E-02	4.62E-02	4.62E-02	4.62E-02
7.40E-03	7.50E-03	7.70E-03	7.90E-03	4.44E-02	4.68E-02	4.68E-02	4.68E-02
7.50E-03	7.60E-03	7.80E-03	8.00E-03	4.50E-02	4.74E-02	4.74E-02	4.74E-02
7.60E-03	7.70E-03	7.90E-03	8.10E-03	4.56E-02	4.80E-02	4.80E-02	4.80E-02
7.70E-03	7.80E-03	8.00E-03	8.20E-03	4.62E-02	4.86E-02	4.86E-02	4.86E-02
7.80E-03	7.90E-03	8.10E-03	8.30E-03	4.68E-02	4.92E-02	4.92E-02	4.92E-02
7.90E-03	8.00E-03	8.20E-03	8.40E-03	4.74E-02	4.98E-02	4.98E-02	4.98E-02
8.00E-03	8.10E-03	8.30E-03	8.50E-03	4.80E-02	5.04E-02	5.04E-02	5.04E-02
8.10E-03	8.20E-03	8.40E-03	8.60E-03	4.86E-02	5.10E-02	5.10E-02	5.10E-02
8.20E-03	8.30E-03	8.50E-03	8.70E-03	4.92E-02	5.16E-02	5.16E-02	5.16E-02
8.30E-03	8.40E-03	8.60E-03	8.80E-03	4.98E-02	5.22E-02	5.22E-02	5.22E-02
8.40E-03	8.50E-03	8.70E-03	8.90E-03	5.04E-02	5.28E-02	5.28E-02	5.28E-02
8.50E-03	8.60E-03	8.80E-03	9.00E-03	5.10E-02	5.34E-02	5.34E-02	5.34E-02
8.60E-03	8.70E-03	8.90E-03	9.10E-03	5.16E-02	5.40E-02	5.40E-02	5.40E-02
8.70E-03	8.80E-03	9.00E-03	9.20E-03	5.22E-02	5.46E-02	5.46E-02	5.46E-02
8.80E-03	8.90E-03	9.10E-03	9.30E-03	5.28E-02	5.52E-02	5.52E-02	5.52E-02
8.90E-03	9.00E-03	9.20E-03	9.40E-03	5.34E-02	5.58E-02	5.58E-02	5.58E-02
9.00E-03	9.10E-03	9.30E-03	9.50E-03	5.40E-02	5.64E-02	5.64E-02	5.64E-02
9.10E-03	9.20E-03	9.40E-03	9.60E-03	5.46E-02	5.70E-02	5.70E-02	5.70E-02
9.20E-03	9.30E-03	9.50E-03	9.70E-03	5.52E-02	5.76E-02	5.76E-02	5.76E-02
9.30E-03	9.40E-03	9.60E-03	9.80E-03	5.58E-02	5.82E-02	5.82E-02	5.82E-02
9.40E-03	9.50E-03	9.70E-03	9.90E-03	5.64E-02	5.88E-02	5.88E-02	5.88E-02
9.50E-03	9.60E-03	9.80E-03	1.00E-02	5.70E-02	5.94E-02	5.94E-02	5.94E-02
9.60E-03	9.70E-03	9.90E-03	1.01E-02	5.76E-02	6.00E-02	6.00E-02	6.00E-02
9.70E-03	9.80E-03	1.00E-02	1.02E-02	5.82E-02	6.06E-02	6.06E-02	6.06E-02
9.80E-03	9.90E-03	1.01E-02	1.03E-02	5.88E-02	6.12E-02	6.12E-02	6.12E-02
9.90E-03	1.00E-02	1.02E-02	1.04E-02	5.94E-02	6.18E-02	6.18E-02	6.18E-02
1.00E-02	1.01E-02	1.03E-02	1.05E-02	6.00E-02	6.24E-02	6.24E-02	6.24E-02
1.01E-02	1.02E-02	1.04E-02	1.06E-02	6.06E-02	6.30E-02	6.30E-02	6.30E-02
1.02E-02	1.03E-02	1.05E-02	1.07E-02	6.12E-02	6.36E-02	6.36E-02	6.36E-02
1.03E-02	1.04E-02	1.06E-02	1.08E-02	6.18E-02	6.42E-02	6.42E-02	6.42E-02
1.04E-02	1.05E-02	1.07E-02	1.09E-02	6.24E-02	6.48E-02	6.48E-02	6.48E-02
1.05E-02	1.06E-02	1.08E-02	1.10E-02	6.30E-02	6.54E-02	6.54E-02	6.54E-02
1.06E-02	1.07E-02	1.09E-02	1.11E-02	6.36E-02	6.60E-02	6.60E-02	6.60E-02
1.07E-02	1.08E-02	1.10E-02	1.12E-02	6.42E-02	6.66E-02	6.66E-02	6.66

TABLE XIV. (Continued)

1.738E 00 TO 2.232E 00 MEV SECONDARY GAMMAS		(keV m ⁻³ sec ⁻¹ /source neutron)	
RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)	4.61E 03	5.85E 03
1.00E-03	2.00E-03	1.50E-02	1.50E-02
2.00E-03	3.50E-03	1.00E-01	1.00E-01
3.00E-03	5.00E-03	0.00E+00	0.00E+00
4.00E-03	6.50E-03	0.00E+00	0.00E+00
5.00E-03	8.00E-03	0.00E+00	0.00E+00
6.00E-03	9.50E-03	0.00E+00	0.00E+00
7.00E-03	1.10E-02	0.00E+00	0.00E+00
8.00E-03	1.25E-02	0.00E+00	0.00E+00
9.00E-03	1.40E-02	0.00E+00	0.00E+00
1.00E-02	1.50E-02	0.00E+00	0.00E+00
1.20E-02	1.70E-02	0.00E+00	0.00E+00
1.40E-02	1.90E-02	0.00E+00	0.00E+00
1.60E-02	2.10E-02	0.00E+00	0.00E+00
1.80E-02	2.30E-02	0.00E+00	0.00E+00
2.00E-02	2.50E-02	0.00E+00	0.00E+00
2.20E-02	2.70E-02	0.00E+00	0.00E+00
2.40E-02	2.90E-02	0.00E+00	0.00E+00
2.60E-02	3.10E-02	0.00E+00	0.00E+00
2.80E-02	3.30E-02	0.00E+00	0.00E+00
3.00E-02	3.50E-02	0.00E+00	0.00E+00
3.20E-02	3.70E-02	0.00E+00	0.00E+00
3.40E-02	3.90E-02	0.00E+00	0.00E+00
3.60E-02	4.10E-02	0.00E+00	0.00E+00
3.80E-02	4.30E-02	0.00E+00	0.00E+00
4.00E-02	4.50E-02	0.00E+00	0.00E+00
4.20E-02	4.70E-02	0.00E+00	0.00E+00
4.40E-02	4.90E-02	0.00E+00	0.00E+00
4.60E-02	5.10E-02	0.00E+00	0.00E+00
4.80E-02	5.30E-02	0.00E+00	0.00E+00
5.00E-02	5.50E-02	0.00E+00	0.00E+00
5.20E-02	5.70E-02	0.00E+00	0.00E+00
5.40E-02	5.90E-02	0.00E+00	0.00E+00
5.60E-02	6.10E-02	0.00E+00	0.00E+00
5.80E-02	6.30E-02	0.00E+00	0.00E+00
6.00E-02	6.50E-02	0.00E+00	0.00E+00
6.20E-02	6.70E-02	0.00E+00	0.00E+00
6.40E-02	6.90E-02	0.00E+00	0.00E+00
6.60E-02	7.10E-02	0.00E+00	0.00E+00
6.80E-02	7.30E-02	0.00E+00	0.00E+00
7.00E-02	7.50E-02	0.00E+00	0.00E+00
7.20E-02	7.70E-02	0.00E+00	0.00E+00
7.40E-02	7.90E-02	0.00E+00	0.00E+00
7.60E-02	8.10E-02	0.00E+00	0.00E+00
7.80E-02	8.30E-02	0.00E+00	0.00E+00
8.00E-02	8.50E-02	0.00E+00	0.00E+00
8.20E-02	8.70E-02	0.00E+00	0.00E+00
8.40E-02	8.90E-02	0.00E+00	0.00E+00
8.60E-02	9.10E-02	0.00E+00	0.00E+00
8.80E-02	9.30E-02	0.00E+00	0.00E+00
9.00E-02	9.50E-02	0.00E+00	0.00E+00
9.20E-02	9.70E-02	0.00E+00	0.00E+00
9.40E-02	9.90E-02	0.00E+00	0.00E+00
9.60E-02	1.01E-01	0.00E+00	0.00E+00
9.80E-02	1.03E-01	0.00E+00	0.00E+00
1.00E-01	1.05E-01	0.00E+00	0.00E+00
1.20E-01	1.25E-01	0.00E+00	0.00E+00
1.40E-01	1.45E-01	0.00E+00	0.00E+00
1.60E-01	1.65E-01	0.00E+00	0.00E+00
1.80E-01	1.85E-01	0.00E+00	0.00E+00
2.00E-01	2.05E-01	0.00E+00	0.00E+00
2.20E-01	2.25E-01	0.00E+00	0.00E+00
2.40E-01	2.45E-01	0.00E+00	0.00E+00
2.60E-01	2.65E-01	0.00E+00	0.00E+00
2.80E-01	2.85E-01	0.00E+00	0.00E+00
3.00E-01	3.05E-01	0.00E+00	0.00E+00
3.20E-01	3.25E-01	0.00E+00	0.00E+00
3.40E-01	3.45E-01	0.00E+00	0.00E+00
3.60E-01	3.65E-01	0.00E+00	0.00E+00
3.80E-01	3.85E-01	0.00E+00	0.00E+00
4.00E-01	4.05E-01	0.00E+00	0.00E+00
4.20E-01	4.25E-01	0.00E+00	0.00E+00
4.40E-01	4.45E-01	0.00E+00	0.00E+00
4.60E-01	4.65E-01	0.00E+00	0.00E+00
4.80E-01	4.85E-01	0.00E+00	0.00E+00
5.00E-01	5.05E-01	0.00E+00	0.00E+00
5.20E-01	5.25E-01	0.00E+00	0.00E+00
5.40E-01	5.45E-01	0.00E+00	0.00E+00
5.60E-01	5.65E-01	0.00E+00	0.00E+00
5.80E-01	5.85E-01	0.00E+00	0.00E+00
6.00E-01	6.05E-01	0.00E+00	0.00E+00
6.20E-01	6.25E-01	0.00E+00	0.00E+00
6.40E-01	6.45E-01	0.00E+00	0.00E+00
6.60E-01	6.65E-01	0.00E+00	0.00E+00
6.80E-01	6.85E-01	0.00E+00	0.00E+00
7.00E-01	7.05E-01	0.00E+00	0.00E+00
7.20E-01	7.25E-01	0.00E+00	0.00E+00
7.40E-01	7.45E-01	0.00E+00	0.00E+00
7.60E-01	7.65E-01	0.00E+00	0.00E+00
7.80E-01	7.85E-01	0.00E+00	0.00E+00
8.00E-01	8.05E-01	0.00E+00	0.00E+00
8.20E-01	8.25E-01	0.00E+00	0.00E+00
8.40E-01	8.45E-01	0.00E+00	0.00E+00
8.60E-01	8.65E-01	0.00E+00	0.00E+00
8.80E-01	8.85E-01	0.00E+00	0.00E+00
9.00E-01	9.05E-01	0.00E+00	0.00E+00
9.20E-01	9.25E-01	0.00E+00	0.00E+00
9.40E-01	9.45E-01	0.00E+00	0.00E+00
9.60E-01	9.65E-01	0.00E+00	0.00E+00
9.80E-01	9.85E-01	0.00E+00	0.00E+00
1.00E+00	1.00E+00	0.00E+00	0.00E+00

TABLE XV. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 2.232 TO 2.865 MeV

TABLE XV. (*Continued*)
 (keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)		TIME (SEC)		MEV SECONDARY GAMMAS	
5.00E-05	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04
2.32E+00	2.865E+00	5.1	10.4	11.1	11.9
2.32E+00	2.865E+00	10.4	21.4	40.4	45.5
2.32E+00	2.865E+00	40.4	80.8	161.0	340.0
2.32E+00	2.865E+00	161.0	322.0	645.0	1290.0
2.32E+00	2.865E+00	645.0	1290.0	2580.0	5160.0
2.32E+00	2.865E+00	1290.0	2580.0	5160.0	10320.0
2.32E+00	2.865E+00	5160.0	10320.0	20640.0	41280.0
2.32E+00	2.865E+00	10320.0	20640.0	41280.0	82560.0
2.32E+00	2.865E+00	20640.0	41280.0	82560.0	165120.0
2.32E+00	2.865E+00	41280.0	82560.0	165120.0	320240.0
2.32E+00	2.865E+00	82560.0	165120.0	320240.0	640480.0
2.32E+00	2.865E+00	165120.0	320240.0	640480.0	1280960.0
2.32E+00	2.865E+00	320240.0	640480.0	1280960.0	2561920.0
2.32E+00	2.865E+00	640480.0	1280960.0	2561920.0	5123840.0
2.32E+00	2.865E+00	1280960.0	2561920.0	5123840.0	10247680.0
2.32E+00	2.865E+00	2561920.0	5123840.0	10247680.0	20495360.0
2.32E+00	2.865E+00	5123840.0	10247680.0	20495360.0	40990720.0
2.32E+00	2.865E+00	10247680.0	20495360.0	40990720.0	81981440.0
2.32E+00	2.865E+00	20495360.0	40990720.0	81981440.0	163962880.0
2.32E+00	2.865E+00	40990720.0	81981440.0	163962880.0	327925760.0
2.32E+00	2.865E+00	81981440.0	163962880.0	327925760.0	655851520.0
2.32E+00	2.865E+00	163962880.0	327925760.0	655851520.0	1311703200.0
2.32E+00	2.865E+00	327925760.0	655851520.0	1311703200.0	2623406400.0
2.32E+00	2.865E+00	655851520.0	1311703200.0	2623406400.0	5246812800.0
2.32E+00	2.865E+00	1311703200.0	2623406400.0	5246812800.0	10493625600.0
2.32E+00	2.865E+00	2623406400.0	5246812800.0	10493625600.0	20987251200.0
2.32E+00	2.865E+00	5246812800.0	10493625600.0	20987251200.0	41974502400.0
2.32E+00	2.865E+00	10493625600.0	20987251200.0	41974502400.0	83949004800.0
2.32E+00	2.865E+00	20987251200.0	41974502400.0	83949004800.0	167898009600.0
2.32E+00	2.865E+00	41974502400.0	83949004800.0	167898009600.0	335796019200.0
2.32E+00	2.865E+00	83949004800.0	167898009600.0	335796019200.0	671592038400.0
2.32E+00	2.865E+00	167898009600.0	335796019200.0	671592038400.0	1343184076800.0
2.32E+00	2.865E+00	335796019200.0	671592038400.0	1343184076800.0	2686368153600.0
2.32E+00	2.865E+00	671592038400.0	1343184076800.0	2686368153600.0	5372736307200.0
2.32E+00	2.865E+00	1343184076800.0	2686368153600.0	5372736307200.0	10745472614400.0
2.32E+00	2.865E+00	2686368153600.0	5372736307200.0	10745472614400.0	5372736307200.0
2.32E+00	2.865E+00	5372736307200.0	10745472614400.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	10745472614400.0	21490945228800.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	21490945228800.0	42981890457600.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	42981890457600.0	85963780915200.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	85963780915200.0	171927561830400.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	171927561830400.0	343855123660800.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	343855123660800.0	687710247321600.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	687710247321600.0	1375420494643200.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1375420494643200.0	2750840989286400.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	2750840989286400.0	5501681978572800.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	5501681978572800.0	11003363957145600.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	11003363957145600.0	22006727914291200.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	22006727914291200.0	44013455828582400.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	44013455828582400.0	88026911657164800.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	88026911657164800.0	176053823314329600.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	176053823314329600.0	352107646628659200.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	352107646628659200.0	704215293257318400.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	704215293257318400.0	1408430586514632000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1408430586514632000.0	2816861173029264000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	2816861173029264000.0	5633722346058528000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	5633722346058528000.0	11267444692177160000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	11267444692177160000.0	22534889384354320000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	22534889384354320000.0	45069778768708640000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	45069778768708640000.0	90139557537417280000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	90139557537417280000.0	180279115074834560000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	180279115074834560000.0	360558230149669120000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	360558230149669120000.0	721116460299338240000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	721116460299338240000.0	1442232920598676480000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1442232920598676480000.0	2884465841197352960000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	2884465841197352960000.0	5768931682394705920000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	5768931682394705920000.0	11537863364789411840000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	11537863364789411840000.0	23075726729578823680000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	23075726729578823680000.0	46151453459157647360000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	46151453459157647360000.0	92302906918315294720000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	92302906918315294720000.0	184605813836630589440000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	184605813836630589440000.0	369211627673261178880000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	369211627673261178880000.0	738423255346522357760000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	738423255346522357760000.0	147684651069304471520000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	147684651069304471520000.0	295369302138608943040000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	295369302138608943040000.0	590738604277217886080000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	590738604277217886080000.0	1181477208554435772160000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1181477208554435772160000.0	2362954417108871544320000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	2362954417108871544320000.0	4725908834217743088640000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	4725908834217743088640000.0	9451817668435486177280000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	9451817668435486177280000.0	1890363533687097235560000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1890363533687097235560000.0	3780727067374194471120000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	3780727067374194471120000.0	7561454134748388942240000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	7561454134748388942240000.0	1512290826949677788480000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1512290826949677788480000.0	3024581653899355576960000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	3024581653899355576960000.0	6049163297798711153920000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	6049163297798711153920000.0	12098326595597422307840000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	12098326595597422307840000.0	24196653191194844615680000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	24196653191194844615680000.0	48393306382389689231360000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	48393306382389689231360000.0	96786612764779378462720000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	96786612764779378462720000.0	193573225329558756925440000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	193573225329558756925440000.0	387146450659117513850880000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	387146450659117513850880000.0	774292901318235027701760000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	774292901318235027701760000.0	1548585802636470055403520000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1548585802636470055403520000.0	3097171605272940110807040000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	3097171605272940110807040000.0	6194343210545880221614080000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	6194343210545880221614080000.0	1238868642109176044322816000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1238868642109176044322816000.0	2477737284218352088645632000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	2477737284218352088645632000.0	4955474568436704177291264000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	4955474568436704177291264000.0	991094913687340835458252000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	991094913687340835458252000.0	1982189827374681670916040000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	1982189827374681670916040000.0	3964379654749363341832080000.0	5372736307200.0	5372736307200.0
2.32E+00	2.865E+00	3964379654749363341832080000.0</			

TABLE XV. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1}/\text{source neutron})$

		2.232E 00 TO 2.865E 00 MEV RADIAL DISTANCE INTERVAL (METERS)		SECONDARY GAMMAS TIME (SEC)	
0	3.00E-06	5.00E-06	7.00E-06	1.00E-05	2.00E-05
5.00E-06	7.00E-06	1.00E-05	2.00E-05	3.50E-05	3.50E-05
1.00E-05	1.41E-05	2.14E-05	3.00E-05	4.29E-05	5.00E-05
2.00E-05	2.82E-05	4.04E-05	5.50E-05	7.50E-05	8.70E-05
4.00E-05	5.64E-05	8.08E-05	1.10E-04	1.54E-04	1.78E-04
8.00E-05	1.12E-04	1.61E-04	2.20E-04	3.08E-04	3.57E-04
1.60E-04	2.24E-04	3.22E-04	4.40E-04	6.16E-04	7.14E-04
3.20E-04	4.48E-04	6.44E-04	9.36E-04	1.39E-03	1.78E-03
6.40E-04	8.96E-04	1.28E-03	1.87E-03	2.78E-03	3.56E-03
1.28E-03	1.79E-03	2.56E-03	3.74E-03	5.57E-03	7.12E-03
2.56E-03	3.58E-03	5.12E-03	7.48E-03	1.11E-02	1.43E-02
5.12E-03	6.36E-03	9.24E-03	1.37E-02	2.05E-02	2.69E-02
1.02E-02	1.27E-02	1.84E-02	2.61E-02	3.74E-02	4.78E-02
2.04E-02	2.54E-02	3.68E-02	5.22E-02	7.48E-02	9.56E-02
4.08E-02	5.08E-02	7.36E-02	1.04E-01	1.49E-01	1.94E-01
8.16E-02	1.01E-01	1.48E-01	2.08E-01	2.98E-01	3.86E-01
1.63E-01	2.02E-01	2.96E-01	4.16E-01	5.92E-01	7.74E-01
3.26E-01	4.04E-01	5.92E-01	8.32E-01	1.18E-01	1.54E-01
6.52E-01	8.08E-01	1.18E-01	1.69E-01	2.34E-01	3.08E-01
1.30E-01	1.61E-01	2.36E-01	3.38E-01	4.57E-01	6.14E-01
2.60E-01	3.22E-01	4.72E-01	7.16E-01	1.03E-01	1.38E-01
5.20E-01	6.44E-01	9.44E-01	1.43E-01	2.07E-01	2.74E-01
1.04E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.08E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.16E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
8.32E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.66E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.32E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
6.64E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.32E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
2.64E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
5.28E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.056E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.112E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.224E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
8.448E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.689E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.378E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
6.756E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.351E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
2.702E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
5.404E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.080E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.160E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.320E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
8.640E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.728E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.456E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
6.912E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.382E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
2.764E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
5.528E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.1056E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.2112E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.4224E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
8.8448E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.7689E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.5378E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
7.0756E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.4152E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
2.8304E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
5.6608E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.1321E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.2642E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.5284E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
9.0568E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.8113E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.6226E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
7.2445E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.4491E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
2.8982E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
5.7964E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.1592E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.3184E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.6368E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
9.2736E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.8547E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.7094E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
7.4188E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.4837E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
2.9674E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
5.9348E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.1869E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.3738E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
4.7476E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
9.4952E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
1.8984E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
3.7968E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
7.5936E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.5869E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
3.1738E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
6.3476E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.2738E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.5476E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
5.0952E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
1.0189E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
2.0378E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
4.0756E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
8.1513E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.6302E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
3.2604E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
6.5208E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.3041E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.6082E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
5.2164E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
1.0432E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
2.0864E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
4.1728E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
8.3456E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.6691E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
3.3382E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
6.6764E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.3352E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.6704E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
5.3408E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
1.0681E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
2.1362E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
4.2724E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
8.5448E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.7089E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
3.4178E-01	3.26E-01	4.76E-01	7.12E-01	1.03E-01	1.38E-01
6.8356E-01	6.56E-01	9.52E-01	1.43E-01	2.07E-01	2.74E-01
1.3672E-01	1.28E-01	1.88E-01	2.86E-01	4.14E-01	5.48E-01
2.7344E-01	2.56E-01	3.76E-01	5.72E-01	8.28E-01	1.12E-01
5.4688E-01	5.12E-01	7.52E-01	1.14E-01	1.69E-01	2.24E-01
1.0936E-01	1.02E-01	1.50E-01	2.28E-01	3.47E-01	4.64E-01
2.1872E-01	2.04E-01	2.98E-01	4.46E-01	6.73E-01	9.04E-01
4.3744E-01	4.08E-01	5.96E-01	8.92E-01	1.29E-01	1.64E-01
8.7488E-01	8.16E-01	1.19E-01	1.78E-01	2.64E-01	3.32E-01
1.7497E-01	1.63E-01	2.38E-01	3.56E-01	5.12E-01	6.80E-01
3.4994E-01	3.26E-01	4.76E-01	7.12E-		

TABLE XV. (Continued)
 $\text{keV m}^{-3} \text{sec}^{-1}$ /source neutron)

RADIAL DISTANCE INTERVAL (METERS)	2.232E 00 TO 2.865E 00 MEV SECONDARY GAMMAS		
	TIME (SEC)	DELAY	TIME (SEC)
1.00E-03	2.00E-03	3.50E-03	1.50E-02
1.20E-03	3.50E-03	1.50E-02	1.00E-01
1.40E-03			
1.60E-03			
1.80E-03			
2.00E-03			
2.20E-03			
2.40E-03			
2.60E-03			
2.80E-03			
3.00E-03			
3.20E-03			
3.40E-03			
3.60E-03			
3.80E-03			
4.00E-03			
4.20E-03			
4.40E-03			
4.60E-03			
4.80E-03			
5.00E-03			
5.20E-03			
5.40E-03			
5.60E-03			
5.80E-03			
6.00E-03			
6.20E-03			
6.40E-03			
6.60E-03			
6.80E-03			
7.00E-03			
7.20E-03			
7.40E-03			
7.60E-03			
7.80E-03			
8.00E-03			
8.20E-03			
8.40E-03			
8.60E-03			
8.80E-03			
9.00E-03			
9.20E-03			
9.40E-03			
9.60E-03			
9.80E-03			
1.00E-02			
1.10E-02			
1.20E-02			
1.30E-02			
1.40E-02			
1.50E-02			
1.60E-02			
1.70E-02			
1.80E-02			
1.90E-02			
2.00E-02			
2.10E-02			
2.20E-02			
2.30E-02			
2.40E-02			
2.50E-02			
2.60E-02			
2.70E-02			
2.80E-02			
2.90E-02			
3.00E-02			
3.10E-02			
3.20E-02			
3.30E-02			
3.40E-02			
3.50E-02			
3.60E-02			
3.70E-02			
3.80E-02			
3.90E-02			
4.00E-02			
4.10E-02			
4.20E-02			
4.30E-02			
4.40E-02			
4.50E-02			
4.60E-02			
4.70E-02			
4.80E-02			
4.90E-02			
5.00E-02			
5.10E-02			
5.20E-02			
5.30E-02			
5.40E-02			
5.50E-02			
5.60E-02			
5.70E-02			
5.80E-02			
5.90E-02			
6.00E-02			
6.10E-02			
6.20E-02			
6.30E-02			
6.40E-02			
6.50E-02			
6.60E-02			
6.70E-02			
6.80E-02			
6.90E-02			
7.00E-02			
7.10E-02			
7.20E-02			
7.30E-02			
7.40E-02			
7.50E-02			
7.60E-02			
7.70E-02			
7.80E-02			
7.90E-02			
8.00E-02			
8.10E-02			
8.20E-02			
8.30E-02			
8.40E-02			
8.50E-02			
8.60E-02			
8.70E-02			
8.80E-02			
8.90E-02			
9.00E-02			
9.10E-02			
9.20E-02			
9.30E-02			
9.40E-02			
9.50E-02			
9.60E-02			
9.70E-02			
9.80E-02			
9.90E-02			
1.00E-01			
1.10E-01			
1.20E-01			
1.30E-01			
1.40E-01			
1.50E-01			
1.60E-01			
1.70E-01			
1.80E-01			
1.90E-01			
2.00E-01			
2.10E-01			
2.20E-01			
2.30E-01			
2.40E-01			
2.50E-01			
2.60E-01			
2.70E-01			
2.80E-01			
2.90E-01			
3.00E-01			
3.10E-01			
3.20E-01			
3.30E-01			
3.40E-01			
3.50E-01			
3.60E-01			
3.70E-01			
3.80E-01			
3.90E-01			
4.00E-01			
4.10E-01			
4.20E-01			
4.30E-01			
4.40E-01			
4.50E-01			
4.60E-01			
4.70E-01			
4.80E-01			
4.90E-01			
5.00E-01			
5.10E-01			
5.20E-01			
5.30E-01			
5.40E-01			
5.50E-01			
5.60E-01			
5.70E-01			
5.80E-01			
5.90E-01			
6.00E-01			
6.10E-01			
6.20E-01			
6.30E-01			
6.40E-01			
6.50E-01			
6.60E-01			
6.70E-01			
6.80E-01			
6.90E-01			
7.00E-01			
7.10E-01			
7.20E-01			
7.30E-01			
7.40E-01			
7.50E-01			
7.60E-01			
7.70E-01			
7.80E-01			
7.90E-01			
8.00E-01			
8.10E-01			
8.20E-01			
8.30E-01			
8.40E-01			
8.50E-01			
8.60E-01			
8.70E-01			
8.80E-01			
8.90E-01			
9.00E-01			
9.10E-01			
9.20E-01			
9.30E-01			
9.40E-01			
9.50E-01			
9.60E-01			
9.70E-01			
9.80E-01			
9.90E-01			
1.00E+00			
1.10E+00			
1.20E+00			
1.30E+00			
1.40E+00			
1.50E+00			
1.60E+00			
1.70E+00			
1.80E+00			
1.90E+00			
2.00E+00			
2.10E+00			
2.20E+00			
2.30E+00			
2.40E+00			
2.50E+00			
2.60E+00			
2.70E+00			
2.80E+00			
2.90E+00			
3.00E+00			
3.10E+00			
3.20E+00			
3.30E+00			
3.40E+00			
3.50E+00			
3.60E+00			
3.70E+00			
3.80E+00			
3.90E+00			
4.00E+00			
4.10E+00			
4.20E+00			
4.30E+00			
4.40E+00			
4.50E+00			
4.60E+00			
4.70E+00			
4.80E+00			
4.90E+00			
5.00E+00			
5.10E+00			
5.20E+00			
5.30E+00			
5.40E+00			
5.50E+00			
5.60E+00			
5.70E+00			
5.80E+00			
5.90E+00			
6.00E+00			
6.10E+00			
6.20E+00			
6.30E+00			
6.40E+00			
6.50E+00			
6.60E+00			
6.70E+00			
6.80E+00			
6.90E+00			
7.00E+00			
7.10E+00			
7.20E+00			
7.30E+00			
7.40E+00			
7.50E+00			
7.60E+00			
7.70E+00			
7.80E+00			
7.90E+00			
8.00E+00			
8.10E+00			
8.20E+00			
8.30E+00			
8.40E+00			
8.50E+00			
8.60E+00			
8.70E+00			
8.80E+00			
8.90E+00			
9.00E+00			
9.10E+00			
9.20E+00			
9.30E+00			
9.40E+00			
9.50E+00			
9.60E+00			
9.70E+00			
9.80E+00			
9.90E+00			
1.00E+01			
1.10E+01			
1.20E+01			
1.30E+01			
1.40E+01			
1.50E+01			
1.60E+01			
1.70E+01			
1.80E+01			
1.90E+01			
2.00E+01			
2.10E+01			
2.20E+01			
2.30E+01			
2.40E+01			
2.50E+01			
2.60E+01			
2.70E+01			
2.80E+01			
2.90E+01			
3.00E+01			
3.10E+01			
3.20E+01			
3.30E+01			
3.40E+01			
3.50E+01			
3.60E+01			
3.70E+01			
3.80E+01			
3.90E+01			
4.00E+01			
4.10E+01			
4.20E+01			
4.30E+01			
4.40E+01			
4.50E+01			
4.60E+01			
4.70E+01			
4.80E+01			
4.90E+01			
5.00E+01			
5.10E+01			
5.20E+01			
5.30E+01			
5.40E+01			
5.50E+01			
5.60E+01			
5.70E+01			
5.80E+01			
5.90E+01			
6.00E+01			
6.10E+01			
6.20E+01			
6.30E+01			
6.40E+01			
6.50E+01			
6.60E+01			
6.70E+01			</

TABLE XVI. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 2.865 TO 3.680 MeV

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)										TOTAL ENERGY DEPOSITION/SEC
	0.0E+00	2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06	3.00E-06	5.00E-06	1.00E-05	2.00E-05	
0.0	10.0	2.599E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1.0	-	2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06	3.00E-06	5.00E-06	1.00E-05	2.00E-05	0.000E+00
2.0	-	4.00E-07	6.00E-07	1.00E-06	2.00E-06	3.00E-06	5.00E-06	1.00E-05	2.00E-05	3.00E-05	0.000E+00
3.0	-	6.00E-07	9.00E-07	1.50E-06	3.00E-06	4.50E-06	7.50E-06	1.50E-05	3.00E-05	4.50E-05	0.000E+00
4.0	-	8.00E-07	1.20E-06	2.00E-06	4.00E-06	6.00E-06	1.00E-05	2.00E-05	4.00E-05	6.00E-05	0.000E+00
5.0	-	1.025E-06	1.5175E-06	2.00E-06	4.00E-06	6.00E-06	1.00E-05	2.00E-05	4.00E-05	6.00E-05	0.000E+00
6.0	-	1.250E-06	1.750E-06	2.250E-06	4.500E-06	7.00E-06	1.250E-05	2.500E-05	5.00E-06	7.00E-06	0.000E+00
7.0	-	1.475E-06	1.975E-06	2.500E-06	5.000E-06	8.00E-06	1.475E-05	2.950E-05	5.50E-06	8.00E-06	0.000E+00
8.0	-	1.700E-06	2.175E-06	2.750E-06	5.500E-06	9.00E-06	1.700E-05	3.400E-05	6.00E-06	9.00E-06	0.000E+00
9.0	-	1.925E-06	2.375E-06	2.950E-06	6.000E-06	9.50E-06	1.925E-05	3.850E-05	6.50E-06	9.50E-06	0.000E+00
10.0	-	2.150E-06	2.575E-06	3.100E-06	6.500E-06	1.00E-05	2.150E-05	4.300E-05	7.00E-06	1.00E-05	0.000E+00
11.0	-	2.375E-06	2.775E-06	3.250E-06	7.000E-06	1.05E-05	2.375E-05	4.750E-05	7.50E-06	1.05E-05	0.000E+00
12.0	-	2.600E-06	2.975E-06	3.400E-06	7.500E-06	1.10E-05	2.600E-05	5.200E-05	8.00E-06	1.10E-05	0.000E+00
13.0	-	2.825E-06	3.175E-06	3.550E-06	8.000E-06	1.15E-05	2.825E-05	5.650E-05	8.50E-06	1.15E-05	0.000E+00
14.0	-	3.050E-06	3.375E-06	3.700E-06	8.500E-06	1.20E-05	3.050E-05	6.050E-05	9.00E-06	1.20E-05	0.000E+00
15.0	-	3.275E-06	3.575E-06	3.850E-06	9.000E-06	1.25E-05	3.275E-05	6.450E-05	9.50E-06	1.25E-05	0.000E+00
16.0	-	3.500E-06	3.775E-06	4.000E-06	9.500E-06	1.30E-05	3.500E-05	6.850E-05	1.00E-05	1.30E-05	0.000E+00
17.0	-	3.725E-06	3.975E-06	4.150E-06	1.000E-05	1.35E-05	3.725E-05	7.250E-05	1.15E-05	1.35E-05	0.000E+00
18.0	-	3.950E-06	4.175E-06	4.300E-06	1.050E-05	1.40E-05	3.950E-05	7.650E-05	1.25E-05	1.40E-05	0.000E+00
19.0	-	4.175E-06	4.375E-06	4.450E-06	1.100E-05	1.45E-05	4.175E-05	8.050E-05	1.35E-05	1.45E-05	0.000E+00
20.0	-	4.400E-06	4.575E-06	4.600E-06	1.150E-05	1.50E-05	4.400E-05	8.450E-05	1.45E-05	1.50E-05	0.000E+00
21.0	-	4.625E-06	4.775E-06	4.750E-06	1.200E-05	1.55E-05	4.625E-05	8.850E-05	1.55E-05	1.60E-05	0.000E+00
22.0	-	4.850E-06	4.975E-06	4.850E-06	1.250E-05	1.60E-05	4.850E-05	9.250E-05	1.65E-05	1.70E-05	0.000E+00
23.0	-	5.075E-06	5.175E-06	5.000E-06	1.300E-05	1.65E-05	5.075E-05	9.650E-05	1.70E-05	1.75E-05	0.000E+00
24.0	-	5.300E-06	5.375E-06	5.100E-06	1.350E-05	1.70E-05	5.300E-05	1.00E-04	1.75E-05	1.80E-05	0.000E+00
25.0	-	5.525E-06	5.575E-06	5.200E-06	1.400E-05	1.75E-05	5.525E-05	1.04E-04	1.80E-05	1.85E-05	0.000E+00
26.0	-	5.750E-06	5.775E-06	5.300E-06	1.450E-05	1.80E-05	5.750E-05	1.08E-04	1.85E-05	1.90E-05	0.000E+00
27.0	-	6.000E-06	6.000E-06	5.400E-06	1.500E-05	1.85E-05	6.000E-05	1.12E-04	1.90E-05	1.95E-05	0.000E+00
28.0	-	6.250E-06	6.250E-06	5.500E-06	1.550E-05	1.90E-05	6.250E-05	1.16E-04	1.95E-05	2.00E-05	0.000E+00
29.0	-	6.500E-06	6.500E-06	5.600E-06	1.600E-05	1.95E-05	6.500E-05	1.20E-04	2.00E-05	2.05E-05	0.000E+00
30.0	-	6.750E-06	6.750E-06	5.700E-06	1.650E-05	2.00E-05	6.750E-05	1.24E-04	2.05E-05	2.10E-05	0.000E+00
31.0	-	7.000E-06	7.000E-06	5.800E-06	1.700E-05	2.05E-05	7.000E-05	1.28E-04	2.10E-05	2.15E-05	0.000E+00
32.0	-	7.250E-06	7.250E-06	5.900E-06	1.750E-05	2.10E-05	7.250E-05	1.32E-04	2.15E-05	2.20E-05	0.000E+00
33.0	-	7.500E-06	7.500E-06	6.000E-06	1.800E-05	2.15E-05	7.500E-05	1.36E-04	2.20E-05	2.25E-05	0.000E+00
34.0	-	7.750E-06	7.750E-06	6.100E-06	1.850E-05	2.20E-05	7.750E-05	1.40E-04	2.25E-05	2.30E-05	0.000E+00
35.0	-	8.000E-06	8.000E-06	6.200E-06	1.900E-05	2.25E-05	8.000E-05	1.44E-04	2.30E-05	2.35E-05	0.000E+00
36.0	-	8.250E-06	8.250E-06	6.300E-06	1.950E-05	2.30E-05	8.250E-05	1.48E-04	2.35E-05	2.40E-05	0.000E+00
37.0	-	8.500E-06	8.500E-06	6.400E-06	2.000E-05	2.35E-05	8.500E-05	1.52E-04	2.40E-05	2.45E-05	0.000E+00
38.0	-	8.750E-06	8.750E-06	6.500E-06	2.050E-05	2.40E-05	8.750E-05	1.56E-04	2.45E-05	2.50E-05	0.000E+00
39.0	-	9.000E-06	9.000E-06	6.600E-06	2.100E-05	2.45E-05	9.000E-05	1.60E-04	2.50E-05	2.55E-05	0.000E+00
40.0	-	9.250E-06	9.250E-06	6.700E-06	2.150E-05	2.50E-05	9.250E-05	1.64E-04	2.55E-05	2.60E-05	0.000E+00
41.0	-	9.500E-06	9.500E-06	6.800E-06	2.200E-05	2.55E-05	9.500E-05	1.68E-04	2.60E-05	2.65E-05	0.000E+00
42.0	-	9.750E-06	9.750E-06	6.900E-06	2.250E-05	2.60E-05	9.750E-05	1.72E-04	2.65E-05	2.70E-05	0.000E+00
43.0	-	1.000E-05	1.000E-05	7.000E-06	2.300E-05	2.65E-05	1.000E-04	1.76E-04	2.70E-05	2.75E-05	0.000E+00
44.0	-	1.025E-05	1.025E-05	7.100E-06	2.350E-05	2.70E-05	1.025E-04	1.80E-04	2.75E-05	2.80E-05	0.000E+00
45.0	-	1.050E-05	1.050E-05	7.200E-06	2.400E-05	2.75E-05	1.050E-04	1.84E-04	2.80E-05	2.85E-05	0.000E+00
46.0	-	1.075E-05	1.075E-05	7.300E-06	2.450E-05	2.80E-05	1.075E-04	1.88E-04	2.85E-05	2.90E-05	0.000E+00
47.0	-	1.100E-05	1.100E-05	7.400E-06	2.500E-05	2.85E-05	1.100E-04	1.92E-04	2.90E-05	2.95E-05	0.000E+00
48.0	-	1.125E-05	1.125E-05	7.500E-06	2.550E-05	2.90E-05	1.125E-04	1.96E-04	2.95E-05	3.00E-05	0.000E+00
49.0	-	1.150E-05	1.150E-05	7.600E-06	2.600E-05	2.95E-05	1.150E-04	2.00E-04	3.00E-05	3.05E-05	0.000E+00
50.0	-	1.175E-05	1.175E-05	7.700E-06	2.650E-05	3.00E-05	1.175E-04	2.04E-04	3.05E-05	3.10E-05	0.000E+00
51.0	-	1.200E-05	1.200E-05	7.800E-06	2.700E-05	3.05E-05	1.200E-04	2.08E-04	3.10E-05	3.15E-05	0.000E+00
52.0	-	1.225E-05	1.225E-05	7.900E-06	2.750E-05	3.10E-05	1.225E-04	2.12E-04	3.15E-05	3.20E-05	0.000E+00
53.0	-	1.250E-05	1.250E-05	8.000E-06	2.800E-05	3.15E-05	1.250E-04	2.16E-04	3.20E-05	3.25E-05	0.000E+00
54.0	-	1.275E-05	1.275E-05	8.100E-06	2.850E-05	3.20E-05	1.275E-04	2.20E-04	3.25E-05	3.30E-05	0.000E+00
55.0	-	1.300E-05	1.300E-05	8.200E-06	2.900E-05	3.25E-05	1.300E-04	2.24E-04	3.30E-05	3.35E-05	0.000E+00
56.0	-	1.325E-05	1.325E-05	8.300E-06	2.950E-05	3.30E-05	1.325E-04	2.28E-04	3.35E-05	3.40E-05	0.000E+00
57.0	-	1.350E-05	1.350E-05	8.400E-06	3.000E-05	3.35E-05	1.350E-04	2.32E-04	3.40E-05	3.45E-05	0.000E+00
58.0	-	1.375E-05	1.375E-05	8.500E-06	3.050E-05	3.40E-05	1.375E-04	2.36E-04	3.45E-05	3.50E-05	0.000E+00
59.0	-	1.400E-05	1.400E-05	8.600E-06	3.100E-05	3.45E-05	1.400E-04	2.40E-04	3.50E-05	3.55E-05	0.000E+00
60.0	-	1.425E-05	1.425E-05	8.700E-06	3.150E-05	3.50E-05	1.425E-04	2.44E-04	3.55E-05	3.60E-05	0.000E+00
61.0	-	1.450E-05	1.450E-05	8.800E-06	3.200E-05	3.55E-05	1.450E-04	2.48E-04	3.60E-05	3.65E-05	0.000E+00
62.0	-	1.475E-05	1.475E-05	8.900E-06	3.250E-05	3.60E-05	1.475E-04	2.52E-04	3.65E-05	3.70E-05	0.000E+00
63.0	-	1.500E-05	1.500E-05	9.000E-06	3.300E-05	3.65E-05	1.500E-04	2.56E-04	3.70E-05	3.75E-05	0.000E+00
64.0	-	1.525E-05	1.525E-05	9.100E-06	3.350E-05	3.70E-05	1.525E-04	2.60E-04	3.75E-05	3.80E-05	0.000E+00
65.0	-	1.550E-05	1.550E-05	9.200E-06	3.400E-05	3.75E-05	1.550E-04	2.64E-04	3.80E-05	3.85E-05	0.000E+00
66.0	-	1.575E-05	1.575E-05	9.300E-06	3.450E-05	3.80E-05	1.575E-04	2.68E-04	3.85E-05	3.90E-05	0.000E+00
67.0	-	1.600E-05	1.600E-05	9.400E-06	3.500E-05	3.85E-05	1.600E-04	2.72E-04	3.90E-05	3.95E-05	0.000E+00
68.0	-	1.625E-05	1.625E-05	9.500E-06	3.550E-05	3.90E-05					

TABLE XVI. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1} / \text{source neutron})$

		2.865E 00 TO 3.680E 00 MEV SECONDARY GAMMAS					
		TIME (SEC)					
		DELAY					
RADIAL DISTANCE (METERS)	INTERVAL	3.00E-06	5.00E-06	7.00E-06	1.00E-05	1.00E-05	2.00E-05
0	0	0	0	0	0	0	0
10	0	1.00E-06	2.00E-06	3.00E-06	4.00E-06	5.00E-06	6.00E-06
20	0	2.00E-06	4.00E-06	6.00E-06	8.00E-06	1.00E-05	1.20E-05
40	0	4.00E-06	8.00E-06	1.20E-05	1.60E-05	2.00E-05	2.40E-05
60	0	6.00E-06	1.20E-05	1.80E-05	2.40E-05	3.00E-05	3.60E-05
80	0	8.00E-06	1.60E-05	2.40E-05	3.20E-05	4.00E-05	4.80E-05
100	0	1.00E-05	2.00E-05	3.00E-05	4.00E-05	5.00E-05	6.00E-05
120	0	1.20E-05	2.40E-05	3.60E-05	4.80E-05	6.00E-05	7.20E-05
140	0	1.40E-05	2.80E-05	4.00E-05	5.20E-05	6.40E-05	7.60E-05
160	0	1.60E-05	3.20E-05	4.80E-05	6.40E-05	8.00E-05	9.60E-05
180	0	1.80E-05	3.60E-05	5.20E-05	6.80E-05	8.40E-05	1.04E-04
200	0	2.00E-05	4.00E-05	5.60E-05	7.20E-05	9.60E-05	1.20E-04
220	0	2.20E-05	4.40E-05	6.00E-05	8.00E-05	1.04E-04	1.40E-04
240	0	2.40E-05	4.80E-05	6.40E-05	8.80E-05	1.12E-04	1.56E-04
260	0	2.60E-05	5.20E-05	6.80E-05	9.20E-05	1.20E-04	1.72E-04
280	0	2.80E-05	5.60E-05	7.20E-05	9.60E-05	1.28E-04	1.88E-04
300	0	3.00E-05	6.00E-05	7.60E-05	1.04E-04	1.36E-04	1.96E-04
320	0	3.20E-05	6.40E-05	8.00E-05	1.12E-04	1.44E-04	2.04E-04
340	0	3.40E-05	6.80E-05	8.40E-05	1.20E-04	1.52E-04	2.12E-04
360	0	3.60E-05	7.20E-05	8.80E-05	1.28E-04	1.60E-04	2.20E-04
380	0	3.80E-05	7.60E-05	9.20E-05	1.36E-04	1.68E-04	2.28E-04
400	0	4.00E-05	8.00E-05	9.60E-05	1.44E-04	1.76E-04	2.36E-04
420	0	4.20E-05	8.40E-05	1.00E-04	1.52E-04	1.84E-04	2.44E-04
440	0	4.40E-05	8.80E-05	1.04E-04	1.60E-04	1.92E-04	2.52E-04
460	0	4.60E-05	9.20E-05	1.08E-04	1.68E-04	2.00E-04	2.60E-04
480	0	4.80E-05	9.60E-05	1.12E-04	1.76E-04	2.08E-04	2.68E-04
500	0	5.00E-05	1.00E-04	1.16E-04	1.84E-04	2.16E-04	2.76E-04
520	0	5.20E-05	1.04E-04	1.20E-04	1.92E-04	2.24E-04	2.84E-04
540	0	5.40E-05	1.08E-04	1.24E-04	2.00E-04	2.32E-04	2.92E-04
560	0	5.60E-05	1.12E-04	1.28E-04	2.08E-04	2.40E-04	3.00E-04
580	0	5.80E-05	1.16E-04	1.32E-04	2.16E-04	2.48E-04	3.08E-04
600	0	6.00E-05	1.20E-04	1.36E-04	2.24E-04	2.56E-04	3.16E-04
620	0	6.20E-05	1.24E-04	1.40E-04	2.32E-04	2.64E-04	3.24E-04
640	0	6.40E-05	1.28E-04	1.44E-04	2.40E-04	2.72E-04	3.32E-04
660	0	6.60E-05	1.32E-04	1.48E-04	2.48E-04	2.80E-04	3.40E-04
680	0	6.80E-05	1.36E-04	1.52E-04	2.56E-04	2.88E-04	3.48E-04
700	0	7.00E-05	1.40E-04	1.56E-04	2.64E-04	2.96E-04	3.56E-04
720	0	7.20E-05	1.44E-04	1.60E-04	2.72E-04	3.04E-04	3.64E-04
740	0	7.40E-05	1.48E-04	1.64E-04	2.80E-04	3.12E-04	3.72E-04
760	0	7.60E-05	1.52E-04	1.68E-04	2.88E-04	3.20E-04	3.80E-04
780	0	7.80E-05	1.56E-04	1.72E-04	2.96E-04	3.28E-04	3.88E-04
800	0	8.00E-05	1.60E-04	1.76E-04	3.04E-04	3.36E-04	3.96E-04
820	0	8.20E-05	1.64E-04	1.80E-04	3.12E-04	3.44E-04	4.04E-04
840	0	8.40E-05	1.68E-04	1.84E-04	3.20E-04	3.52E-04	4.12E-04
860	0	8.60E-05	1.72E-04	1.88E-04	3.28E-04	3.60E-04	4.20E-04
880	0	8.80E-05	1.76E-04	1.92E-04	3.36E-04	3.68E-04	4.28E-04
900	0	9.00E-05	1.80E-04	1.96E-04	3.44E-04	3.76E-04	4.36E-04
920	0	9.20E-05	1.84E-04	2.00E-04	3.52E-04	3.84E-04	4.44E-04
940	0	9.40E-05	1.88E-04	2.04E-04	3.60E-04	3.92E-04	4.52E-04
960	0	9.60E-05	1.92E-04	2.08E-04	3.68E-04	4.00E-04	4.60E-04
980	0	9.80E-05	1.96E-04	2.12E-04	3.76E-04	4.08E-04	4.68E-04
1000	0	1.00E-04	2.00E-04	2.16E-04	3.84E-04	4.16E-04	4.76E-04
1020	0	1.02E-04	2.04E-04	2.20E-04	3.92E-04	4.24E-04	4.84E-04
1040	0	1.04E-04	2.08E-04	2.24E-04	4.00E-04	4.32E-04	4.92E-04
1060	0	1.06E-04	2.12E-04	2.28E-04	4.08E-04	4.40E-04	5.00E-04
1080	0	1.08E-04	2.16E-04	2.32E-04	4.16E-04	4.48E-04	5.08E-04
1100	0	1.10E-04	2.20E-04	2.36E-04	4.24E-04	4.56E-04	5.16E-04
1120	0	1.12E-04	2.24E-04	2.40E-04	4.32E-04	4.64E-04	5.24E-04
1140	0	1.14E-04	2.28E-04	2.44E-04	4.40E-04	4.72E-04	5.32E-04
1160	0	1.16E-04	2.32E-04	2.48E-04	4.48E-04	4.80E-04	5.40E-04
1180	0	1.18E-04	2.36E-04	2.52E-04	4.56E-04	4.88E-04	5.48E-04
1200	0	1.20E-04	2.40E-04	2.56E-04	4.64E-04	4.96E-04	5.56E-04
1220	0	1.22E-04	2.44E-04	2.60E-04	4.72E-04	5.04E-04	5.64E-04
1240	0	1.24E-04	2.48E-04	2.64E-04	4.80E-04	5.12E-04	5.72E-04
1260	0	1.26E-04	2.52E-04	2.68E-04	4.88E-04	5.20E-04	5.80E-04
1280	0	1.28E-04	2.56E-04	2.72E-04	4.96E-04	5.28E-04	5.88E-04
1300	0	1.30E-04	2.60E-04	2.76E-04	5.04E-04	5.36E-04	5.96E-04
1320	0	1.32E-04	2.64E-04	2.80E-04	5.12E-04	5.44E-04	6.04E-04
1340	0	1.34E-04	2.68E-04	2.84E-04	5.20E-04	5.52E-04	6.12E-04
1360	0	1.36E-04	2.72E-04	2.88E-04	5.28E-04	5.60E-04	6.20E-04
1380	0	1.38E-04	2.76E-04	2.92E-04	5.36E-04	5.68E-04	6.28E-04
1400	0	1.40E-04	2.80E-04	2.96E-04	5.44E-04	5.76E-04	6.36E-04
1420	0	1.42E-04	2.84E-04	3.00E-04	5.52E-04	5.84E-04	6.44E-04
1440	0	1.44E-04	2.88E-04	3.04E-04	5.60E-04	5.92E-04	6.52E-04
1460	0	1.46E-04	2.92E-04	3.08E-04	5.68E-04	6.00E-04	6.60E-04
1480	0	1.48E-04	2.96E-04	3.12E-04	5.76E-04	6.08E-04	6.68E-04
1500	0	1.50E-04	3.00E-04	3.16E-04	5.84E-04	6.16E-04	6.76E-04
1520	0	1.52E-04	3.04E-04	3.20E-04	5.92E-04	6.24E-04	6.84E-04
1540	0	1.54E-04	3.08E-04	3.24E-04	6.00E-04	6.32E-04	6.92E-04
1560	0	1.56E-04	3.12E-04	3.28E-04	6.08E-04	6.40E-04	6.96E-04
1580	0	1.58E-04	3.16E-04	3.32E-04	6.16E-04	6.48E-04	7.04E-04
1600	0	1.60E-04	3.20E-04	3.36E-04	6.24E-04	6.56E-04	7.12E-04
1620	0	1.62E-04	3.24E-04	3.40E-04	6.32E-04	6.64E-04	7.20E-04
1640	0	1.64E-04	3.28E-04	3.44E-04	6.40E-04	6.72E-04	7.28E-04
1660	0	1.66E-04	3.32E-04	3.48E-04	6.48E-04	6.80E-04	7.36E-04
1680	0	1.68E-04	3.36E-04	3.52E-04	6.56E-04	6.88E-04	7.44E-04
1700	0	1.70E-04	3.40E-04	3.56E-04	6.64E-04	6.96E-04	7.52E-04
1720	0	1.72E-04	3.44E-04	3.60E-04	6.72E-04	7.04E-04	7.60E-04
1740	0	1.74E-04	3.48E-04	3.64E-04	6.80E-04	7.12E-04	7.68E-04
1760	0	1.76E-04	3.52E-04	3.68E-04	6.88E-04	7.20E-04	7.76E-04
1780	0	1.78E-04	3.56E-04	3.72E-04	6.96E-04	7.28E-04	7.84E-04
1800	0	1.80E-04	3.60E-04	3.76E-04	7.04E-04	7.36E-04	7.92E-04
1820	0	1.82E-04	3.64E-04	3.80E-04	7.12E-04	7.44E-04	8.00E-04
1840	0	1.84E-04	3.68E-04	3.84E-04	7.20E-04	7.52E-04	8.08E-04
1860	0	1.86E-04	3.72E-04	3.88E-04	7.28E-04	7.60E-04	8.16E-04
1880	0	1.88E-04	3.76E-04	3.92E-04	7.36E-04	7.68E-04	8.24E-04
1900	0	1.90E-04	3.80E-04	3.96E-04	7.44E-04	7.76E-04	8.32E-04
1920	0	1.92E-04	3.84E-04	4.00E-04	7.52E-04	7.84E-04	8.40E-04
1940	0	1.94E-04	3.88E-04	4.04E-04	7.60E-04	7.92E-04	8.48E-04
1960	0	1.96E-04	3.92E-04	4.08E-04	7.68E-04	8.00E-04	8.56E-04
1980	0	1.98E-04	3.96E-04	4.12E-04	7.76E-04	8.08E-04	8.64E-04
2000	0	2.00E-04	4.00E-04	4.16E-04	7.84E-04	8.16E-04	8.72E-04
2020	0	2.02E-04	4.04E-04	4.20E-04	7.92E-04	8.24E-04	8.80E-04
2040	0	2.04E-04	4.08E-04	4.24E-04	8.00E-04	8.32E-04	8.88E-04
2060	0	2.06E-04	4.12E-04	4.28E-04	8.08E-04	8.40E-04	8.96E-04
2080	0	2.08E-04	4.16E-04	4.32E-04	8.16E-04	8.48E-04	9.04E-04
2100	0	2.10E-04	4.20E-04	4.36E-04	8.24E-04	8.56E-04	9.12E-04
2120	0	2.12E-04	4.24E-04	4.40E-04	8.32E-04	8.64E-04	9.20E-04
2140	0	2.14E-04	4.28E-04	4.44E-04	8.40E-04	8.72E-04	9.28E-04
2160	0	2.16E-04	4.32E-04	4.48E-04	8.48E-04	8.80E-04	9.36E-04
2180	0	2.18E-04	4.3				

TABLE XVI. (Continued)

TABLE XVI. (Continued)
 $(keV m^{-3} sec^{-1}/source neutron)$

TABLE XVII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 3.680 TO 6.070 MeV

TABLE XVII. (Continued)
 ($\text{keV m}^{-3} \text{sec}^{-1}$ /source neutron)

3.680E 00 TO 6.070E 00 MEV SECONDARY GAMMAS		TOTAL ENERGY DEPOSITION/SEC	
RADIAL DISTANCE INTERVAL (METERS)	TIME (SEC)	1.603E 07	1.603E 07
3.00E-06 - 3.5.00E-06	5.00E-06 - 7.00E-06	1.00E-05 - 1.00E-05	1.206E 07 - 1.206E 07
5.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.00E-05 - 2.00E-05	2.412E 07 - 2.412E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.00E-05 - 3.00E-05	3.618E 07 - 3.618E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.00E-05 - 4.00E-05	4.824E 07 - 4.824E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.00E-05 - 5.00E-05	6.030E 07 - 6.030E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.00E-05 - 6.00E-05	7.236E 07 - 7.236E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	7.00E-05 - 7.00E-05	8.442E 07 - 8.442E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	8.00E-05 - 8.00E-05	9.648E 07 - 9.648E 07
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	9.00E-05 - 9.00E-05	1.0854E 08 - 1.0854E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.00E-04 - 1.00E-04	1.206E 08 - 1.206E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.10E-04 - 1.10E-04	1.326E 08 - 1.326E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.20E-04 - 1.20E-04	1.446E 08 - 1.446E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.30E-04 - 1.30E-04	1.566E 08 - 1.566E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.40E-04 - 1.40E-04	1.686E 08 - 1.686E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.50E-04 - 1.50E-04	1.806E 08 - 1.806E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.60E-04 - 1.60E-04	1.926E 08 - 1.926E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.70E-04 - 1.70E-04	2.046E 08 - 2.046E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.80E-04 - 1.80E-04	2.166E 08 - 2.166E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	1.90E-04 - 1.90E-04	2.286E 08 - 2.286E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.00E-04 - 2.00E-04	2.406E 08 - 2.406E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.10E-04 - 2.10E-04	2.526E 08 - 2.526E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.20E-04 - 2.20E-04	2.646E 08 - 2.646E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.30E-04 - 2.30E-04	2.766E 08 - 2.766E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.40E-04 - 2.40E-04	2.886E 08 - 2.886E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.50E-04 - 2.50E-04	3.006E 08 - 3.006E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.60E-04 - 2.60E-04	3.126E 08 - 3.126E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.70E-04 - 2.70E-04	3.246E 08 - 3.246E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.80E-04 - 2.80E-04	3.366E 08 - 3.366E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	2.90E-04 - 2.90E-04	3.486E 08 - 3.486E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.00E-04 - 3.00E-04	3.606E 08 - 3.606E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.10E-04 - 3.10E-04	3.726E 08 - 3.726E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.20E-04 - 3.20E-04	3.846E 08 - 3.846E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.30E-04 - 3.30E-04	3.966E 08 - 3.966E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.40E-04 - 3.40E-04	4.086E 08 - 4.086E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.50E-04 - 3.50E-04	4.206E 08 - 4.206E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.60E-04 - 3.60E-04	4.326E 08 - 4.326E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.70E-04 - 3.70E-04	4.446E 08 - 4.446E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.80E-04 - 3.80E-04	4.566E 08 - 4.566E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	3.90E-04 - 3.90E-04	4.686E 08 - 4.686E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.00E-04 - 4.00E-04	4.806E 08 - 4.806E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.10E-04 - 4.10E-04	4.926E 08 - 4.926E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.20E-04 - 4.20E-04	5.046E 08 - 5.046E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.30E-04 - 4.30E-04	5.166E 08 - 5.166E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.40E-04 - 4.40E-04	5.286E 08 - 5.286E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.50E-04 - 4.50E-04	5.406E 08 - 5.406E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.60E-04 - 4.60E-04	5.526E 08 - 5.526E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.70E-04 - 4.70E-04	5.646E 08 - 5.646E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.80E-04 - 4.80E-04	5.766E 08 - 5.766E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	4.90E-04 - 4.90E-04	5.886E 08 - 5.886E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.00E-04 - 5.00E-04	6.006E 08 - 6.006E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.10E-04 - 5.10E-04	6.126E 08 - 6.126E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.20E-04 - 5.20E-04	6.246E 08 - 6.246E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.30E-04 - 5.30E-04	6.366E 08 - 6.366E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.40E-04 - 5.40E-04	6.486E 08 - 6.486E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.50E-04 - 5.50E-04	6.606E 08 - 6.606E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.60E-04 - 5.60E-04	6.726E 08 - 6.726E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.70E-04 - 5.70E-04	6.846E 08 - 6.846E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.80E-04 - 5.80E-04	6.966E 08 - 6.966E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	5.90E-04 - 5.90E-04	7.086E 08 - 7.086E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.00E-04 - 6.00E-04	7.206E 08 - 7.206E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.10E-04 - 6.10E-04	7.326E 08 - 7.326E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.20E-04 - 6.20E-04	7.446E 08 - 7.446E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.30E-04 - 6.30E-04	7.566E 08 - 7.566E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.40E-04 - 6.40E-04	7.686E 08 - 7.686E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.50E-04 - 6.50E-04	7.806E 08 - 7.806E 08
7.00E-06 - 7.00E-06	7.00E-06 - 7.00E-06	6.60E-04 - 6.60E-04	7.926E 08 - 7.926E 08

TABLE XVII. (Continued)

TABLE XVII. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1}/\text{source neutron})$

TABLE XVIII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS
RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING
UNIFORMLY IN THE ENERGY INTERVAL FROM 6.070 TO 7.790 MeV

(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)			TOTAL ENERGY DEPOSITION/SEC
	0.0E+00	2.0E-07	3.0E-07	
0.00E+00	5.00E-07	3.00E-07	5.00E-07	1.00E-06
2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06
4.00E-07	3.00E-07	5.00E-07	1.00E-06	3.00E-06
6.00E-07	3.00E-07	5.00E-07	1.00E-06	4.00E-06
8.00E-07	3.00E-07	5.00E-07	1.00E-06	5.00E-06
1.00E-06	3.00E-07	5.00E-07	1.00E-06	6.00E-06
1.20E-06	3.00E-07	5.00E-07	1.00E-06	7.00E-06
1.40E-06	3.00E-07	5.00E-07	1.00E-06	8.00E-06
1.60E-06	3.00E-07	5.00E-07	1.00E-06	9.00E-06
1.80E-06	3.00E-07	5.00E-07	1.00E-06	1.00E-05
2.00E-06	3.00E-07	5.00E-07	1.00E-06	1.10E-05
2.20E-06	3.00E-07	5.00E-07	1.00E-06	1.20E-05
2.40E-06	3.00E-07	5.00E-07	1.00E-06	1.30E-05
2.60E-06	3.00E-07	5.00E-07	1.00E-06	1.40E-05
2.80E-06	3.00E-07	5.00E-07	1.00E-06	1.50E-05
3.00E-06	3.00E-07	5.00E-07	1.00E-06	1.60E-05
3.20E-06	3.00E-07	5.00E-07	1.00E-06	1.70E-05
3.40E-06	3.00E-07	5.00E-07	1.00E-06	1.80E-05
3.60E-06	3.00E-07	5.00E-07	1.00E-06	1.90E-05
3.80E-06	3.00E-07	5.00E-07	1.00E-06	2.00E-05
4.00E-06	3.00E-07	5.00E-07	1.00E-06	2.10E-05
4.20E-06	3.00E-07	5.00E-07	1.00E-06	2.20E-05
4.40E-06	3.00E-07	5.00E-07	1.00E-06	2.30E-05
4.60E-06	3.00E-07	5.00E-07	1.00E-06	2.40E-05
4.80E-06	3.00E-07	5.00E-07	1.00E-06	2.50E-05
5.00E-06	3.00E-07	5.00E-07	1.00E-06	2.60E-05
5.20E-06	3.00E-07	5.00E-07	1.00E-06	2.70E-05
5.40E-06	3.00E-07	5.00E-07	1.00E-06	2.80E-05
5.60E-06	3.00E-07	5.00E-07	1.00E-06	2.90E-05
5.80E-06	3.00E-07	5.00E-07	1.00E-06	3.00E-05
6.00E-06	3.00E-07	5.00E-07	1.00E-06	3.10E-05
6.20E-06	3.00E-07	5.00E-07	1.00E-06	3.20E-05
6.40E-06	3.00E-07	5.00E-07	1.00E-06	3.30E-05
6.60E-06	3.00E-07	5.00E-07	1.00E-06	3.40E-05
6.80E-06	3.00E-07	5.00E-07	1.00E-06	3.50E-05
7.00E-06	3.00E-07	5.00E-07	1.00E-06	3.60E-05
7.20E-06	3.00E-07	5.00E-07	1.00E-06	3.70E-05
7.40E-06	3.00E-07	5.00E-07	1.00E-06	3.80E-05
7.60E-06	3.00E-07	5.00E-07	1.00E-06	3.90E-05
7.80E-06	3.00E-07	5.00E-07	1.00E-06	4.00E-05
8.00E-06	3.00E-07	5.00E-07	1.00E-06	4.10E-05
8.20E-06	3.00E-07	5.00E-07	1.00E-06	4.20E-05
8.40E-06	3.00E-07	5.00E-07	1.00E-06	4.30E-05
8.60E-06	3.00E-07	5.00E-07	1.00E-06	4.40E-05
8.80E-06	3.00E-07	5.00E-07	1.00E-06	4.50E-05
9.00E-06	3.00E-07	5.00E-07	1.00E-06	4.60E-05
9.20E-06	3.00E-07	5.00E-07	1.00E-06	4.70E-05
9.40E-06	3.00E-07	5.00E-07	1.00E-06	4.80E-05
9.60E-06	3.00E-07	5.00E-07	1.00E-06	4.90E-05
9.80E-06	3.00E-07	5.00E-07	1.00E-06	5.00E-05
1.00E-05	3.00E-07	5.00E-07	1.00E-06	5.10E-05
1.20E-05	3.00E-07	5.00E-07	1.00E-06	6.20E-05
1.40E-05	3.00E-07	5.00E-07	1.00E-06	7.30E-05
1.60E-05	3.00E-07	5.00E-07	1.00E-06	8.40E-05
1.80E-05	3.00E-07	5.00E-07	1.00E-06	9.50E-05
2.00E-05	3.00E-07	5.00E-07	1.00E-06	1.06E-04
2.20E-05	3.00E-07	5.00E-07	1.00E-06	1.17E-04
2.40E-05	3.00E-07	5.00E-07	1.00E-06	1.28E-04
2.60E-05	3.00E-07	5.00E-07	1.00E-06	1.39E-04
2.80E-05	3.00E-07	5.00E-07	1.00E-06	1.50E-04
3.00E-05	3.00E-07	5.00E-07	1.00E-06	1.61E-04
3.20E-05	3.00E-07	5.00E-07	1.00E-06	1.72E-04
3.40E-05	3.00E-07	5.00E-07	1.00E-06	1.83E-04
3.60E-05	3.00E-07	5.00E-07	1.00E-06	1.94E-04
3.80E-05	3.00E-07	5.00E-07	1.00E-06	2.05E-04
4.00E-05	3.00E-07	5.00E-07	1.00E-06	2.16E-04
4.20E-05	3.00E-07	5.00E-07	1.00E-06	2.27E-04
4.40E-05	3.00E-07	5.00E-07	1.00E-06	2.38E-04
4.60E-05	3.00E-07	5.00E-07	1.00E-06	2.49E-04
4.80E-05	3.00E-07	5.00E-07	1.00E-06	2.60E-04
5.00E-05	3.00E-07	5.00E-07	1.00E-06	2.71E-04
5.20E-05	3.00E-07	5.00E-07	1.00E-06	2.82E-04
5.40E-05	3.00E-07	5.00E-07	1.00E-06	2.93E-04
5.60E-05	3.00E-07	5.00E-07	1.00E-06	3.04E-04
5.80E-05	3.00E-07	5.00E-07	1.00E-06	3.15E-04
6.00E-05	3.00E-07	5.00E-07	1.00E-06	3.26E-04
6.20E-05	3.00E-07	5.00E-07	1.00E-06	3.37E-04
6.40E-05	3.00E-07	5.00E-07	1.00E-06	3.48E-04
6.60E-05	3.00E-07	5.00E-07	1.00E-06	3.59E-04
6.80E-05	3.00E-07	5.00E-07	1.00E-06	3.70E-04
7.00E-05	3.00E-07	5.00E-07	1.00E-06	3.81E-04
7.20E-05	3.00E-07	5.00E-07	1.00E-06	3.92E-04
7.40E-05	3.00E-07	5.00E-07	1.00E-06	4.03E-04
7.60E-05	3.00E-07	5.00E-07	1.00E-06	4.14E-04
7.80E-05	3.00E-07	5.00E-07	1.00E-06	4.25E-04
8.00E-05	3.00E-07	5.00E-07	1.00E-06	4.36E-04
8.20E-05	3.00E-07	5.00E-07	1.00E-06	4.47E-04
8.40E-05	3.00E-07	5.00E-07	1.00E-06	4.58E-04
8.60E-05	3.00E-07	5.00E-07	1.00E-06	4.69E-04
8.80E-05	3.00E-07	5.00E-07	1.00E-06	4.80E-04
9.00E-05	3.00E-07	5.00E-07	1.00E-06	4.91E-04
9.20E-05	3.00E-07	5.00E-07	1.00E-06	5.02E-04
9.40E-05	3.00E-07	5.00E-07	1.00E-06	5.13E-04
9.60E-05	3.00E-07	5.00E-07	1.00E-06	5.24E-04
9.80E-05	3.00E-07	5.00E-07	1.00E-06	5.35E-04
1.00E-04	3.00E-07	5.00E-07	1.00E-06	5.46E-04
1.20E-04	3.00E-07	5.00E-07	1.00E-06	6.57E-04
1.40E-04	3.00E-07	5.00E-07	1.00E-06	7.68E-04
1.60E-04	3.00E-07	5.00E-07	1.00E-06	8.79E-04
1.80E-04	3.00E-07	5.00E-07	1.00E-06	9.90E-04
2.00E-04	3.00E-07	5.00E-07	1.00E-06	1.10E-03
2.20E-04	3.00E-07	5.00E-07	1.00E-06	1.21E-03
2.40E-04	3.00E-07	5.00E-07	1.00E-06	1.32E-03
2.60E-04	3.00E-07	5.00E-07	1.00E-06	1.43E-03
2.80E-04	3.00E-07	5.00E-07	1.00E-06	1.54E-03
3.00E-04	3.00E-07	5.00E-07	1.00E-06	1.65E-03
3.20E-04	3.00E-07	5.00E-07	1.00E-06	1.76E-03
3.40E-04	3.00E-07	5.00E-07	1.00E-06	1.87E-03
3.60E-04	3.00E-07	5.00E-07	1.00E-06	1.98E-03
3.80E-04	3.00E-07	5.00E-07	1.00E-06	2.09E-03
4.00E-04	3.00E-07	5.00E-07	1.00E-06	2.20E-03
4.20E-04	3.00E-07	5.00E-07	1.00E-06	2.31E-03
4.40E-04	3.00E-07	5.00E-07	1.00E-06	2.42E-03
4.60E-04	3.00E-07	5.00E-07	1.00E-06	2.53E-03
4.80E-04	3.00E-07	5.00E-07	1.00E-06	2.64E-03
5.00E-04	3.00E-07	5.00E-07	1.00E-06	2.75E-03
5.20E-04	3.00E-07	5.00E-07	1.00E-06	2.86E-03
5.40E-04	3.00E-07	5.00E-07	1.00E-06	2.97E-03
5.60E-04	3.00E-07	5.00E-07	1.00E-06	3.08E-03
5.80E-04	3.00E-07	5.00E-07	1.00E-06	3.19E-03
6.00E-04	3.00E-07	5.00E-07	1.00E-06	3.30E-03
6.20E-04	3.00E-07	5.00E-07	1.00E-06	3.41E-03
6.40E-04	3.00E-07	5.00E-07	1.00E-06	3.52E-03
6.60E-04	3.00E-07	5.00E-07	1.00E-06	3.63E-03
6.80E-04	3.00E-07	5.00E-07	1.00E-06	3.74E-03
7.00E-04	3.00E-07	5.00E-07	1.00E-06	3.85E-03
7.20E-04	3.00E-07	5.00E-07	1.00E-06	3.96E-03
7.40E-04	3.00E-07	5.00E-07	1.00E-06	4.07E-03
7.60E-04	3.00E-07	5.00E-07	1.00E-06	4.18E-03
7.80E-04	3.00E-07	5.00E-07	1.00E-06	4.29E-03
8.00E-04	3.00E-07	5.00E-07	1.00E-06	4.40E-03
8.20E-04	3.00E-07	5.00E-07	1.00E-06	4.51E-03
8.40E-04	3.00E-07	5.00E-07	1.00E-06	4.62E-03
8.60E-04	3.00E-07	5.00E-07	1.00E-06	4.73E-03
8.80E-04	3.00E-07	5.00E-07	1.00E-06	4.84E-03
9.00E-04	3.00E-07	5.00E-07	1.00E-06	4.95E-03
9.20E-04	3.00E-07	5.00E-07	1.00E-06	5.06E-03
9.40E-04	3.00E-07	5.00E-07	1.00E-06	5.17E-03
9.60E-04	3.00E-07	5.00E-07	1.00E-06	5.28E-03
9.80E-04	3.00E-07	5.00E-07	1.00E-06	5.39E-03
1.00E-03	3.00E-07	5.00E-07	1.00E-06	5.50E-03

TABLE XVIII. (Continued)

TABLE XVIII. (Continued)

TABLE XVIII. (Continued)

(keV m⁻³ sec⁻¹/source neutron)

TABLE XIX. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS
RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING
UNIFORMLY IN THE ENERGY INTERVAL FROM 7.790 TO 10.0 MeV
(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)						TOTAL ENERGY DEPOSITION/SEC
	0.0E+00	2.00E-07	3.00E-07	5.00E-07	1.00E-06	2.00E-06	
0.0	1.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.287E+08
0.0	1.20E+00	2.599E-02	3.897E-02	6.495E-02	1.299E-01	2.599E-01	2.287E+08
0.0	1.40E+00	6.023E-03	8.785E-03	1.463E-02	2.917E-02	5.834E-02	2.287E+08
0.0	1.60E+00	1.000E+00	1.497E+00	2.495E+00	4.990E+00	9.980E+00	2.287E+08
0.0	1.80E+00	1.441E+00	2.114E+00	3.557E+00	7.114E+00	1.429E+01	2.287E+08
0.0	2.00E+00	1.944E+00	2.737E+00	4.559E+00	9.118E+00	1.823E+01	2.287E+08
0.0	2.20E+00	2.532E+00	3.359E+00	5.525E+00	1.065E+01	2.135E+01	2.287E+08
0.0	2.40E+00	3.215E+00	4.000E+00	6.515E+00	1.231E+01	2.456E+01	2.287E+08
0.0	2.60E+00	4.000E+00	4.700E+00	7.510E+00	1.410E+01	2.787E+01	2.287E+08
0.0	2.80E+00	4.883E+00	5.400E+00	8.500E+00	1.598E+01	3.125E+01	2.287E+08
0.0	3.00E+00	5.867E+00	6.100E+00	9.500E+00	1.786E+01	3.462E+01	2.287E+08
0.0	3.20E+00	6.850E+00	6.800E+00	1.050E+01	1.974E+01	3.799E+01	2.287E+08
0.0	3.40E+00	7.833E+00	7.500E+00	1.150E+01	2.162E+01	4.136E+01	2.287E+08
0.0	3.60E+00	8.816E+00	8.200E+00	1.250E+01	2.350E+01	4.473E+01	2.287E+08
0.0	3.80E+00	9.799E+00	8.900E+00	1.350E+01	2.538E+01	4.810E+01	2.287E+08
0.0	4.00E+00	1.078E+01	9.600E+00	1.450E+01	2.726E+01	5.147E+01	2.287E+08
0.0	4.20E+00	1.176E+01	1.030E+01	1.550E+01	2.914E+01	5.484E+01	2.287E+08
0.0	4.40E+00	1.274E+01	1.100E+01	1.650E+01	3.102E+01	5.821E+01	2.287E+08
0.0	4.60E+00	1.372E+01	1.170E+01	1.750E+01	3.289E+01	6.158E+01	2.287E+08
0.0	4.80E+00	1.470E+01	1.240E+01	1.850E+01	3.477E+01	6.495E+01	2.287E+08
0.0	5.00E+00	1.568E+01	1.310E+01	1.950E+01	3.664E+01	6.832E+01	2.287E+08
0.0	5.20E+00	1.666E+01	1.380E+01	2.050E+01	3.852E+01	7.169E+01	2.287E+08
0.0	5.40E+00	1.764E+01	1.450E+01	2.150E+01	4.039E+01	7.506E+01	2.287E+08
0.0	5.60E+00	1.862E+01	1.520E+01	2.250E+01	4.227E+01	7.843E+01	2.287E+08
0.0	5.80E+00	1.960E+01	1.590E+01	2.350E+01	4.414E+01	8.180E+01	2.287E+08
0.0	6.00E+00	2.058E+01	1.660E+01	2.450E+01	4.602E+01	8.517E+01	2.287E+08
0.0	6.20E+00	2.156E+01	1.730E+01	2.550E+01	4.789E+01	8.854E+01	2.287E+08
0.0	6.40E+00	2.254E+01	1.800E+01	2.650E+01	4.976E+01	9.191E+01	2.287E+08
0.0	6.60E+00	2.352E+01	1.870E+01	2.750E+01	5.163E+01	9.528E+01	2.287E+08
0.0	6.80E+00	2.450E+01	1.940E+01	2.850E+01	5.350E+01	9.865E+01	2.287E+08
0.0	7.00E+00	2.548E+01	2.010E+01	2.950E+01	5.537E+01	1.020E+02	2.287E+08
0.0	7.20E+00	2.646E+01	2.080E+01	3.050E+01	5.724E+01	1.054E+02	2.287E+08
0.0	7.40E+00	2.744E+01	2.150E+01	3.150E+01	5.911E+01	1.088E+02	2.287E+08
0.0	7.60E+00	2.842E+01	2.220E+01	3.250E+01	6.098E+01	1.122E+02	2.287E+08
0.0	7.80E+00	2.940E+01	2.290E+01	3.350E+01	6.285E+01	1.156E+02	2.287E+08
0.0	8.00E+00	3.038E+01	2.360E+01	3.450E+01	6.472E+01	1.190E+02	2.287E+08
0.0	8.20E+00	3.136E+01	2.430E+01	3.550E+01	6.659E+01	1.224E+02	2.287E+08
0.0	8.40E+00	3.234E+01	2.500E+01	3.650E+01	6.846E+01	1.258E+02	2.287E+08
0.0	8.60E+00	3.332E+01	2.570E+01	3.750E+01	7.033E+01	1.292E+02	2.287E+08
0.0	8.80E+00	3.430E+01	2.640E+01	3.850E+01	7.220E+01	1.326E+02	2.287E+08
0.0	9.00E+00	3.528E+01	2.710E+01	3.950E+01	7.407E+01	1.360E+02	2.287E+08
0.0	9.20E+00	3.626E+01	2.780E+01	4.050E+01	7.594E+01	1.394E+02	2.287E+08
0.0	9.40E+00	3.724E+01	2.850E+01	4.150E+01	7.781E+01	1.428E+02	2.287E+08
0.0	9.60E+00	3.822E+01	2.920E+01	4.250E+01	7.968E+01	1.462E+02	2.287E+08
0.0	9.80E+00	3.920E+01	3.000E+01	4.350E+01	8.155E+01	1.496E+02	2.287E+08
0.0	1.00E+01	4.018E+01	3.080E+01	4.450E+01	8.342E+01	1.530E+02	2.287E+08
0.0	1.02E+01	4.116E+01	3.160E+01	4.550E+01	8.529E+01	1.564E+02	2.287E+08
0.0	1.04E+01	4.214E+01	3.240E+01	4.650E+01	8.716E+01	1.598E+02	2.287E+08
0.0	1.06E+01	4.312E+01	3.320E+01	4.750E+01	8.903E+01	1.632E+02	2.287E+08
0.0	1.08E+01	4.410E+01	3.400E+01	4.850E+01	9.089E+01	1.666E+02	2.287E+08
0.0	1.10E+01	4.508E+01	3.480E+01	4.950E+01	9.276E+01	1.700E+02	2.287E+08
0.0	1.12E+01	4.606E+01	3.560E+01	5.050E+01	9.463E+01	1.734E+02	2.287E+08
0.0	1.14E+01	4.704E+01	3.640E+01	5.150E+01	9.650E+01	1.768E+02	2.287E+08
0.0	1.16E+01	4.802E+01	3.720E+01	5.250E+01	9.837E+01	1.802E+02	2.287E+08
0.0	1.18E+01	4.899E+01	3.800E+01	5.350E+01	1.002E+02	1.836E+02	2.287E+08
0.0	1.20E+01	5.097E+01	3.880E+01	5.450E+01	1.021E+02	1.870E+02	2.287E+08
0.0	1.22E+01	5.295E+01	3.960E+01	5.550E+01	1.040E+02	1.904E+02	2.287E+08
0.0	1.24E+01	5.493E+01	4.040E+01	5.650E+01	1.059E+02	1.938E+02	2.287E+08
0.0	1.26E+01	5.691E+01	4.120E+01	5.750E+01	1.078E+02	1.972E+02	2.287E+08
0.0	1.28E+01	5.889E+01	4.200E+01	5.850E+01	1.097E+02	2.006E+02	2.287E+08
0.0	1.30E+01	6.087E+01	4.280E+01	5.950E+01	1.116E+02	2.040E+02	2.287E+08
0.0	1.32E+01	6.285E+01	4.360E+01	6.050E+01	1.135E+02	2.074E+02	2.287E+08
0.0	1.34E+01	6.483E+01	4.440E+01	6.150E+01	1.154E+02	2.108E+02	2.287E+08
0.0	1.36E+01	6.681E+01	4.520E+01	6.250E+01	1.173E+02	2.142E+02	2.287E+08
0.0	1.38E+01	6.879E+01	4.600E+01	6.350E+01	1.192E+02	2.176E+02	2.287E+08
0.0	1.40E+01	7.077E+01	4.680E+01	6.450E+01	1.211E+02	2.210E+02	2.287E+08
0.0	1.42E+01	7.275E+01	4.760E+01	6.550E+01	1.230E+02	2.244E+02	2.287E+08
0.0	1.44E+01	7.473E+01	4.840E+01	6.650E+01	1.249E+02	2.278E+02	2.287E+08
0.0	1.46E+01	7.671E+01	4.920E+01	6.750E+01	1.268E+02	2.312E+02	2.287E+08
0.0	1.48E+01	7.869E+01	5.000E+01	6.850E+01	1.287E+02	2.346E+02	2.287E+08
0.0	1.50E+01	8.067E+01	5.080E+01	6.950E+01	1.306E+02	2.380E+02	2.287E+08
0.0	1.52E+01	8.265E+01	5.160E+01	7.050E+01	1.325E+02	2.414E+02	2.287E+08
0.0	1.54E+01	8.463E+01	5.240E+01	7.150E+01	1.344E+02	2.448E+02	2.287E+08
0.0	1.56E+01	8.661E+01	5.320E+01	7.250E+01	1.363E+02	2.482E+02	2.287E+08
0.0	1.58E+01	8.859E+01	5.400E+01	7.350E+01	1.382E+02	2.516E+02	2.287E+08
0.0	1.60E+01	9.057E+01	5.480E+01	7.450E+01	1.401E+02	2.550E+02	2.287E+08
0.0	1.62E+01	9.255E+01	5.560E+01	7.550E+01	1.419E+02	2.584E+02	2.287E+08
0.0	1.64E+01	9.453E+01	5.640E+01	7.650E+01	1.438E+02	2.618E+02	2.287E+08
0.0	1.66E+01	9.651E+01	5.720E+01	7.750E+01	1.457E+02	2.652E+02	2.287E+08
0.0	1.68E+01	9.849E+01	5.800E+01	7.850E+01	1.476E+02	2.686E+02	2.287E+08
0.0	1.70E+01	1.004E+02	5.880E+01	7.950E+01	1.495E+02	2.720E+02	2.287E+08
0.0	1.72E+01	1.023E+02	5.960E+01	8.050E+01	1.514E+02	2.754E+02	2.287E+08
0.0	1.74E+01	1.042E+02	6.040E+01	8.150E+01	1.533E+02	2.788E+02	2.287E+08
0.0	1.76E+01	1.061E+02	6.120E+01	8.250E+01	1.552E+02	2.822E+02	2.287E+08
0.0	1.78E+01	1.080E+02	6.200E+01	8.350E+01	1.571E+02	2.856E+02	2.287E+08
0.0	1.80E+01	1.099E+02	6.280E+01	8.450E+01	1.590E+02	2.890E+02	2.287E+08
0.0	1.82E+01	1.118E+02	6.360E+01	8.550E+01	1.609E+02	2.924E+02	2.287E+08
0.0	1.84E+01	1.137E+02	6.440E+01	8.650E+01	1.628E+02	2.958E+02	2.287E+08
0.0	1.86E+01	1.156E+02	6.520E+01	8.750E+01	1.647E+02	2.992E+02	2.287E+08
0.0	1.88E+01	1.175E+02	6.600E+01	8.850E+01	1.666E+02	3.026E+02	2.287E+08
0.0	1.90E+01	1.194E+02	6.680E+01	8.950E+01	1.685E+02	3.060E+02	2.287E+08
0.0	1.92E+01	1.213E+02	6.760E+01	9.050E+01	1.704E+02	3.094E+02	2.287E+08
0.0	1.94E+01	1.232E+02	6.840E+01	9.150E+01	1.723E+02	3.128E+02	2.287E+08
0.0	1.96E+01	1.251E+02	6.920E+01	9.250E+01	1.742E+02	3.162E+02	2.287E+08
0.0	1.98E+01	1.270E+02	7.000E+01	9.350E+01	1.761E+02	3.196E+02	2.287E+08
0.0	2.00E+01	1.289E+02	7.080E+01	9.450E+01	1.780E+02	3.230E+02	2.287E+08
0.0	2.02E+01	1.308E+02	7.160E+01	9.550E+01	1.799E+02	3.264E+02	2.287E+08
0.0	2.04E+01	1.327E+02	7.240E+01	9.650E+01	1.818E+02	3.298E+02	2.287E+08

TABLE XIX. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1}/\text{source neutron})$

RADIAL DISTANCE INTERVAL (METERS)	7.790E 00 TO 1.000E 01 MEV DEPOSITION/SEC			TOTAL ENERGY DEPOSITION/SEC
	7.790E 00	1.000E 01	SECONDARY GAMMAS	
3.0E-06	5.0E-06	7.00E-06	1.00E-05	2.00E-05
3.5E-06	6.0E-06	8.00E-06	1.20E-05	3.50E-05
4.0E-06	7.0E-06	9.00E-06	1.40E-05	5.00E-05
4.5E-06	8.0E-06	1.00E-05	1.60E-05	6.50E-05
5.0E-06	9.0E-06	1.10E-05	1.80E-05	8.00E-05
5.5E-06	1.00E-05	1.20E-05	2.00E-05	9.50E-05
6.0E-06	1.10E-05	1.30E-05	2.20E-05	1.10E-04
6.5E-06	1.20E-05	1.40E-05	2.40E-05	1.25E-04
7.0E-06	1.30E-05	1.50E-05	2.60E-05	1.40E-04
7.5E-06	1.40E-05	1.60E-05	2.80E-05	1.55E-04
8.0E-06	1.50E-05	1.70E-05	3.00E-05	1.70E-04
8.5E-06	1.60E-05	1.80E-05	3.20E-05	1.85E-04
9.0E-06	1.70E-05	1.90E-05	3.40E-05	2.00E-04
9.5E-06	1.80E-05	2.00E-05	3.60E-05	2.15E-04
1.00E-05	1.90E-05	2.10E-05	3.80E-05	2.30E-04
1.10E-05	2.00E-05	2.20E-05	4.00E-05	2.45E-04
1.20E-05	2.10E-05	2.30E-05	4.20E-05	2.60E-04
1.30E-05	2.20E-05	2.40E-05	4.40E-05	2.75E-04
1.40E-05	2.30E-05	2.50E-05	4.60E-05	2.90E-04
1.50E-05	2.40E-05	2.60E-05	4.80E-05	3.05E-04
1.60E-05	2.50E-05	2.70E-05	5.00E-05	3.20E-04
1.70E-05	2.60E-05	2.80E-05	5.20E-05	3.35E-04
1.80E-05	2.70E-05	2.90E-05	5.40E-05	3.50E-04
1.90E-05	2.80E-05	3.00E-05	5.60E-05	3.65E-04
2.00E-05	2.90E-05	3.10E-05	5.80E-05	3.80E-04
2.10E-05	3.00E-05	3.20E-05	6.00E-05	3.95E-04
2.20E-05	3.10E-05	3.30E-05	6.20E-05	4.10E-04
2.30E-05	3.20E-05	3.40E-05	6.40E-05	4.25E-04
2.40E-05	3.30E-05	3.50E-05	6.60E-05	4.40E-04
2.50E-05	3.40E-05	3.60E-05	6.80E-05	4.55E-04
2.60E-05	3.50E-05	3.70E-05	7.00E-05	4.70E-04
2.70E-05	3.60E-05	3.80E-05	7.20E-05	4.85E-04
2.80E-05	3.70E-05	3.90E-05	7.40E-05	5.00E-04
2.90E-05	3.80E-05	4.00E-05	7.60E-05	5.15E-04
3.00E-05	3.90E-05	4.10E-05	7.80E-05	5.30E-04
3.10E-05	4.00E-05	4.20E-05	8.00E-05	5.45E-04
3.20E-05	4.10E-05	4.30E-05	8.20E-05	5.60E-04
3.30E-05	4.20E-05	4.40E-05	8.40E-05	5.75E-04
3.40E-05	4.30E-05	4.50E-05	8.60E-05	5.90E-04
3.50E-05	4.40E-05	4.60E-05	8.80E-05	6.05E-04
3.60E-05	4.50E-05	4.70E-05	9.00E-05	6.20E-04
3.70E-05	4.60E-05	4.80E-05	9.20E-05	6.35E-04
3.80E-05	4.70E-05	4.90E-05	9.40E-05	6.50E-04
3.90E-05	4.80E-05	5.00E-05	9.60E-05	6.65E-04
4.00E-05	4.90E-05	5.10E-05	9.80E-05	6.80E-04
4.10E-05	5.00E-05	5.20E-05	1.000E-04	6.95E-04
4.20E-05	5.10E-05	5.30E-05	1.020E-04	7.10E-04
4.30E-05	5.20E-05	5.40E-05	1.040E-04	7.25E-04
4.40E-05	5.30E-05	5.50E-05	1.060E-04	7.40E-04
4.50E-05	5.40E-05	5.60E-05	1.080E-04	7.55E-04
4.60E-05	5.50E-05	5.70E-05	1.100E-04	7.70E-04
4.70E-05	5.60E-05	5.80E-05	1.120E-04	7.85E-04
4.80E-05	5.70E-05	5.90E-05	1.140E-04	8.00E-04
4.90E-05	5.80E-05	6.00E-05	1.160E-04	8.15E-04
5.00E-05	5.90E-05	6.10E-05	1.180E-04	8.30E-04
5.10E-05	6.00E-05	6.20E-05	1.200E-04	8.45E-04
5.20E-05	6.10E-05	6.30E-05	1.220E-04	8.60E-04
5.30E-05	6.20E-05	6.40E-05	1.240E-04	8.75E-04
5.40E-05	6.30E-05	6.50E-05	1.260E-04	8.90E-04
5.50E-05	6.40E-05	6.60E-05	1.280E-04	9.05E-04
5.60E-05	6.50E-05	6.70E-05	1.300E-04	9.20E-04
5.70E-05	6.60E-05	6.80E-05	1.320E-04	9.35E-04
5.80E-05	6.70E-05	6.90E-05	1.340E-04	9.50E-04
5.90E-05	6.80E-05	7.00E-05	1.360E-04	9.65E-04
6.00E-05	6.90E-05	7.10E-05	1.380E-04	9.80E-04
6.10E-05	7.00E-05	7.20E-05	1.400E-04	9.95E-04
6.20E-05	7.10E-05	7.30E-05	1.420E-04	1.01E-03
6.30E-05	7.20E-05	7.40E-05	1.440E-04	1.02E-03
6.40E-05	7.30E-05	7.50E-05	1.460E-04	1.03E-03
6.50E-05	7.40E-05	7.60E-05	1.480E-04	1.04E-03
6.60E-05	7.50E-05	7.70E-05	1.500E-04	1.05E-03
6.70E-05	7.60E-05	7.80E-05	1.520E-04	1.06E-03
6.80E-05	7.70E-05	7.90E-05	1.540E-04	1.07E-03
6.90E-05	7.80E-05	8.00E-05	1.560E-04	1.08E-03
7.00E-05	7.90E-05	8.10E-05	1.580E-04	1.09E-03
7.10E-05	8.00E-05	8.20E-05	1.600E-04	1.10E-03
7.20E-05	8.10E-05	8.30E-05	1.620E-04	1.11E-03
7.30E-05	8.20E-05	8.40E-05	1.640E-04	1.12E-03
7.40E-05	8.30E-05	8.50E-05	1.660E-04	1.13E-03
7.50E-05	8.40E-05	8.60E-05	1.680E-04	1.14E-03
7.60E-05	8.50E-05	8.70E-05	1.700E-04	1.15E-03
7.70E-05	8.60E-05	8.80E-05	1.720E-04	1.16E-03
7.80E-05	8.70E-05	8.90E-05	1.740E-04	1.17E-03
7.90E-05	8.80E-05	9.00E-05	1.760E-04	1.18E-03
8.00E-05	8.90E-05	9.10E-05	1.780E-04	1.19E-03
8.10E-05	9.00E-05	9.20E-05	1.800E-04	1.20E-03
8.20E-05	9.10E-05	9.30E-05	1.820E-04	1.21E-03
8.30E-05	9.20E-05	9.40E-05	1.840E-04	1.22E-03
8.40E-05	9.30E-05	9.50E-05	1.860E-04	1.23E-03
8.50E-05	9.40E-05	9.60E-05	1.880E-04	1.24E-03
8.60E-05	9.50E-05	9.70E-05	1.900E-04	1.25E-03
8.70E-05	9.60E-05	9.80E-05	1.920E-04	1.26E-03
8.80E-05	9.70E-05	9.90E-05	1.940E-04	1.27E-03
8.90E-05	9.80E-05	1.000E-04	1.960E-04	1.28E-03
9.00E-05	9.90E-05	1.010E-04	1.980E-04	1.29E-03
9.10E-05	1.000E-04	1.020E-04	2.000E-04	1.30E-03

TABLE XIX. (Continued)

TABLE XIX. (Continued)
 (keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	7.790E 00 TO 1.000E 01 MEV SECONDARY GAMMAS		
	TIME (SEC)	1.00E-03	2.00E-03
1.0	3.50E-03	3.50E-03	1.50E-02
2.0	3.50E-03	3.50E-03	1.00E-01
3.0			
4.0			
5.0			
6.0			
7.0			
8.0			
9.0			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			
36.			
37.			
38.			
39.			
40.			
41.			
42.			
43.			
44.			
45.			
46.			
47.			
48.			
49.			
50.			
51.			
52.			
53.			
54.			
55.			
56.			
57.			
58.			
59.			
60.			
61.			
62.			
63.			
64.			
65.			
66.			
67.			
68.			
69.			
70.			
71.			
72.			
73.			
74.			
75.			
76.			
77.			
78.			
79.			
80.			
81.			
82.			
83.			
84.			
85.			
86.			
87.			
88.			
89.			
90.			
91.			
92.			
93.			
94.			
95.			
96.			
97.			
98.			
99.			
100.			
101.			
102.			
103.			
104.			
105.			
106.			
107.			
108.			
109.			
110.			
111.			
112.			
113.			
114.			
115.			
116.			
117.			
118.			
119.			
120.			
121.			
122.			
123.			
124.			
125.			
126.			
127.			
128.			
129.			
130.			
131.			
132.			
133.			
134.			
135.			
136.			
137.			
138.			
139.			
140.			
141.			
142.			
143.			
144.			
145.			
146.			
147.			
148.			
149.			
150.			
151.			
152.			
153.			
154.			
155.			
156.			
157.			
158.			
159.			
160.			
161.			
162.			
163.			
164.			
165.			
166.			
167.			
168.			
169.			
170.			
171.			
172.			
173.			
174.			
175.			
176.			
177.			
178.			
179.			
180.			
181.			
182.			
183.			
184.			
185.			
186.			
187.			
188.			
189.			
190.			
191.			
192.			
193.			
194.			
195.			
196.			
197.			
198.			
199.			
200.			
201.			
202.			
203.			
204.			
205.			
206.			
207.			
208.			
209.			
210.			
211.			
212.			
213.			
214.			
215.			
216.			
217.			
218.			
219.			
220.			
221.			
222.			
223.			
224.			
225.			
226.			
227.			
228.			
229.			
230.			
231.			
232.			
233.			
234.			
235.			
236.			
237.			
238.			
239.			
240.			
241.			
242.			
243.			
244.			
245.			
246.			
247.			
248.			
249.			
250.			
251.			
252.			
253.			
254.			
255.			
256.			
257.			
258.			
259.			
260.			
261.			
262.			
263.			
264.			
265.			
266.			
267.			
268.			
269.			
270.			
271.			
272.			
273.			
274.			
275.			
276.			
277.			
278.			
279.			
280.			
281.			
282.			
283.			
284.			
285.			
286.			
287.			
288.			
289.			
290.			
291.			
292.			
293.			
294.			
295.			
296.			
297.			
298.			
299.			
300.			
301.			
302.			
303.			
304.			
305.			
306.			
307.			
308.			
309.			
310.			
311.			
312.			
313.			
314.			
315.			
316.			
317.			
318.			
319.			
320.			
321.			
322.			
323.			
324.			
325.			
326.			
327.			
328.			
329.			
330.			
331.			
332.			
333.			
334.			
335.			
336.			
337.			
338.			
339.			
340.			
341.			
342.			
343.			
344.			
345.			
346.			
347.			
348.			
349.			
350.			
351.			
352.			
353.			
354.			
355.			
356.			
357.			
358.			
359.			
360.			
361.			
362.			
363.			
364.			
365.			
366.			
367.			
368.			
369.			
370.			
371.			
372.			
373.			
374.			
375.			
376.			
377.			
378.			
379.			
380.			
381.			
382.			
383.			
384.			
385.			
386.			
387.			
388.			
389.			
390.			
391.			
392.			
393.			
394.			
395.			
396.			
397.			
398.			
399.			
400.			
401.			
402.			
403.			
404.			
405.			
406.			
407.			
408.			
409.			
410.			
411.			
412.			
413.			
414.			
415.			
416.			
417.			
418.			
419.			
420.			
421.			
422.			
423.			
424.			
425.			
426.			
427.			
428.			
429.			
430.			
431.			
432.			
433.			
434.			
435.			
436.			
437.			
438.			
439.			
440.			
441.			
442.			
443.			
444.			
445.			
446.			
447.			
448.			
449.			
450.			
451.			
452.			
453.			

TABLE XX. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS
RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING
UNIFORMLY IN THE ENERGY INTERVAL FROM 10.0 TO 12.0 MeV

(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)				TOTAL ENERGY DEPOSITION/SEC
	0.0E 00	2.00E-07	3.00E-07	5.00E-07	
0.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
0.2	0.0E 02	0.0E 03	0.0E 02	0.0E 02	0.0E 00
0.4	0.1E 03	0.0E 02	0.0E 02	0.0E 02	0.0E 00
0.6	0.3E 05	0.0E 01	0.0E 02	0.0E 02	0.0E 00
0.8	0.819113451659	0.0E 00	0.0E 00	0.0E 00	0.0E 00
1.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
1.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
1.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
1.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
1.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
2.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
2.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
2.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
2.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
2.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
3.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
3.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
3.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
3.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
3.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
4.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
4.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
4.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
4.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
4.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
5.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
5.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
5.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
5.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
5.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
6.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
6.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
6.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
6.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
6.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
7.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
7.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
7.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
7.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
7.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
8.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
8.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
8.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
8.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
8.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
9.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
9.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
9.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
9.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
9.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
10.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
10.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
10.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
10.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
10.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
11.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
11.2	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
11.4	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
11.6	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
11.8	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00
12.0	0.0E 00	0.0E 00	0.0E 00	0.0E 00	0.0E 00

TABLE XX. (Continued)
 $(\text{keV m}^{-3} \text{sec}^{-1}/\text{source neutron})$

RADIAL DISTANCE INTERVAL (METERS)	1.000E 01 TO 1.200E 01 MEV SECONDARY GAMMAS		
	DELAY TIME (SEC)	0.00E-05	2.00E-05
3.00E-06	5.00E-06	7.00E-06	1.00E-06
5.00E-06	7.00E-06	1.00E-05	2.00E-05
1.00E-05	1.00E-05	2.00E-05	3.50E-05
2.00E-05	2.00E-05	3.50E-05	5.00E-05
4.00E-05	4.00E-05	6.50E-05	1.00E-04
8.00E-05	8.00E-05	1.30E-04	2.00E-04
1.60E-04	1.60E-04	2.60E-04	4.00E-04
3.20E-04	3.20E-04	5.20E-04	8.00E-04
6.40E-04	6.40E-04	1.04E-03	1.60E-03
1.28E-03	1.28E-03	2.08E-03	3.20E-03
2.56E-03	2.56E-03	5.16E-03	8.00E-03
5.12E-03	5.12E-03	1.02E-02	1.60E-02
1.02E-02	1.02E-02	2.04E-02	3.20E-02
2.04E-02	2.04E-02	4.08E-02	6.40E-02
4.08E-02	4.08E-02	8.16E-02	1.28E-01
8.16E-02	8.16E-02	1.63E-01	2.56E-01
1.63E-01	1.63E-01	3.26E-01	5.12E-01
3.26E-01	3.26E-01	6.52E-01	1.02E-00
6.52E-01	6.52E-01	1.30E-00	2.04E-00
1.30E-00	1.30E-00	2.60E-00	4.08E-00
2.60E-00	2.60E-00	5.20E-00	8.16E-00
5.20E-00	5.20E-00	1.04E-00	1.63E-00
1.04E-00	1.04E-00	2.08E-00	3.26E-00
2.08E-00	2.08E-00	4.16E-00	6.52E-00
4.16E-00	4.16E-00	8.32E-00	1.30E-00
8.32E-00	8.32E-00	1.66E-00	2.60E-00
1.66E-00	1.66E-00	3.32E-00	6.52E-00
3.32E-00	3.32E-00	6.64E-00	1.30E-00
6.64E-00	6.64E-00	1.32E-00	2.60E-00
1.32E-00	1.32E-00	2.64E-00	5.20E-00
2.64E-00	2.64E-00	5.28E-00	1.04E-00
5.28E-00	5.28E-00	1.056E-00	2.08E-00
1.056E-00	1.056E-00	2.112E-00	4.16E-00
2.112E-00	2.112E-00	4.224E-00	8.32E-00
4.224E-00	4.224E-00	8.448E-00	1.66E-00
8.448E-00	8.448E-00	1.6896E-00	3.32E-00
1.6896E-00	1.6896E-00	3.3792E-00	6.64E-00
3.3792E-00	3.3792E-00	6.7584E-00	1.32E-00
6.7584E-00	6.7584E-00	1.3516E-00	2.64E-00
1.3516E-00	1.3516E-00	2.7032E-00	5.28E-00
2.7032E-00	2.7032E-00	5.4064E-00	1.056E-00
5.4064E-00	5.4064E-00	1.0812E-00	2.112E-00
1.0812E-00	1.0812E-00	2.1624E-00	4.224E-00
2.1624E-00	2.1624E-00	4.3248E-00	8.448E-00
4.3248E-00	4.3248E-00	8.6496E-00	1.6896E-00
8.6496E-00	8.6496E-00	1.72992E-00	3.3792E-00
1.72992E-00	1.72992E-00	3.45984E-00	6.7584E-00
3.45984E-00	3.45984E-00	6.91968E-00	1.3516E-00
6.91968E-00	6.91968E-00	1.38392E-00	2.7032E-00
1.38392E-00	1.38392E-00	2.76784E-00	5.4064E-00
2.76784E-00	2.76784E-00	5.53568E-00	1.0812E-00
5.53568E-00	5.53568E-00	1.10713E-00	2.1624E-00
1.10713E-00	1.10713E-00	2.21426E-00	4.3248E-00
2.21426E-00	2.21426E-00	4.42852E-00	8.6496E-00
4.42852E-00	4.42852E-00	8.85704E-00	1.72992E-00
8.85704E-00	8.85704E-00	1.751408E-00	3.45984E-00
1.751408E-00	1.751408E-00	3.502816E-00	6.91968E-00
3.502816E-00	3.502816E-00	7.005632E-00	1.38392E-00
7.005632E-00	7.005632E-00	1.401126E-00	2.76784E-00
1.401126E-00	1.401126E-00	2.802252E-00	5.53568E-00
2.802252E-00	2.802252E-00	5.604504E-00	1.10713E-00
5.604504E-00	5.604504E-00	1.120901E-00	2.21426E-00
1.120901E-00	1.120901E-00	2.241802E-00	4.42852E-00
2.241802E-00	2.241802E-00	4.483604E-00	8.85704E-00
4.483604E-00	4.483604E-00	8.967208E-00	1.751408E-00
8.967208E-00	8.967208E-00	1.7934416E-00	3.502816E-00
1.7934416E-00	1.7934416E-00	3.5868832E-00	7.005632E-00
3.5868832E-00	3.5868832E-00	7.0113664E-00	1.401126E-00
7.0113664E-00	7.0113664E-00	1.4022732E-00	2.802252E-00
1.4022732E-00	1.4022732E-00	2.8045464E-00	5.604504E-00
2.8045464E-00	2.8045464E-00	5.6090928E-00	1.120901E-00
5.6090928E-00	5.6090928E-00	1.12181856E-00	2.241802E-00
1.12181856E-00	1.12181856E-00	2.24363712E-00	4.483604E-00
2.24363712E-00	2.24363712E-00	4.48727424E-00	8.967208E-00
4.48727424E-00	4.48727424E-00	8.97454848E-00	1.7934416E-00
8.97454848E-00	8.97454848E-00	1.794909696E-00	3.5868832E-00
1.794909696E-00	1.794909696E-00	3.589819392E-00	7.0113664E-00
3.589819392E-00	3.589819392E-00	7.012738784E-00	1.4022732E-00
7.012738784E-00	7.012738784E-00	1.4045464E-00	2.8045464E-00
1.4045464E-00	1.4045464E-00	2.8090928E-00	5.6090928E-00
2.8090928E-00	2.8090928E-00	5.6181856E-00	1.12181856E-00
5.6181856E-00	5.6181856E-00	1.12363712E-00	2.24363712E-00
1.12363712E-00	1.12363712E-00	2.24727424E-00	4.48727424E-00
2.24727424E-00	2.24727424E-00	4.49454848E-00	8.97454848E-00
4.49454848E-00	4.49454848E-00	8.9890928E-00	1.794909696E-00
8.9890928E-00	8.9890928E-00	1.796909696E-00	3.589819392E-00
1.796909696E-00	1.796909696E-00	3.593819392E-00	7.012738784E-00
3.593819392E-00	3.593819392E-00	7.015664E-00	1.4045464E-00
7.015664E-00	7.015664E-00	1.40913664E-00	2.8090928E-00
1.40913664E-00	1.40913664E-00	2.81827312E-00	5.6181856E-00
2.81827312E-00	2.81827312E-00	5.6365464E-00	1.12363712E-00
5.6365464E-00	5.6365464E-00	1.12731424E-00	2.24727424E-00
1.12731424E-00	1.12731424E-00	2.25454848E-00	4.49454848E-00
2.25454848E-00	2.25454848E-00	4.5090928E-00	8.9890928E-00
4.5090928E-00	4.5090928E-00	8.9980928E-00	1.796909696E-00
8.9980928E-00	8.9980928E-00	1.800709696E-00	3.593819392E-00
1.800709696E-00	1.800709696E-00	3.597419392E-00	7.015664E-00
3.597419392E-00	3.597419392E-00	7.01744E-00	1.40913664E-00
7.01744E-00	7.01744E-00	1.41007312E-00	2.81827312E-00
1.41007312E-00	1.41007312E-00	2.8201464E-00	5.6365464E-00
2.8201464E-00	2.8201464E-00	5.6731424E-00	1.12731424E-00
5.6731424E-00	5.6731424E-00	1.13462848E-00	2.25454848E-00
1.13462848E-00	1.13462848E-00	2.26925696E-00	4.5090928E-00
2.26925696E-00	2.26925696E-00	4.51851392E-00	8.9980928E-00
4.51851392E-00	4.51851392E-00	8.9999928E-00	1.800709696E-00
8.9999928E-00	8.9999928E-00	1.801499696E-00	3.597419392E-00
1.801499696E-00	1.801499696E-00	3.60499848E-00	7.01744E-00
3.60499848E-00	3.60499848E-00	7.0219848E-00	1.41007312E-00
7.0219848E-00	7.0219848E-00	1.41183664E-00	2.8201464E-00
1.41183664E-00	1.41183664E-00	2.82367296E-00	5.6731424E-00
2.82367296E-00	2.82367296E-00	5.74634592E-00	1.13462848E-00
5.74634592E-00	5.74634592E-00	1.13926912E-00	2.26925696E-00
1.13926912E-00	1.13926912E-00	2.27853824E-00	4.51851392E-00
2.27853824E-00	2.27853824E-00	4.53707648E-00	8.9999928E-00
4.53707648E-00	4.53707648E-00	8.9999928E-00	1.801499696E-00
8.9999928E-00	8.9999928E-00	1.801499696E-00	3.60499848E-00
1.801499696E-00	1.801499696E-00	3.60499848E-00	7.0219848E-00
3.60499848E-00	3.60499848E-00	7.0219848E-00	1.41183664E-00
7.0219848E-00	7.0219848E-00	1.41183664E-00	2.82367296E-00
1.41183664E-00	1.41183664E-00	2.82367296E-00	5.74634592E-00
2.82367296E-00	2.82367296E-00	5.74634592E-00	1.13926912E-00
5.74634592E-00	5.74634592E-00	1.13926912E-00	2.27853824E-00
1.13926912E-00	1.13926912E-00	2.27853824E-00	4.53707648E-00
2.27853824E-00	2.27853824E-00	4.53707648E-00	8.9999928E-00
4.53707648E-00	4.53707648E-00	8.9999928E-00	1.801499696E-00
8.9999928E-00	8.9999928E-00	1.801499696E-00	3.60499848E-00
1.801499696E-00	1.801499696E-00	3.60499848E-00	7.0219848E-00
3.60499848E-00	3.60499848E-00	7.0219848E-00	1.41183664E-00
7.0219848E-00	7.0219848E-00	1.41183664E-00	2.82367296E-00
1.41183664E-00	1.41183664E-00	2.82367296E-00	5.74634592E-00
2.82367296E-00	2.82367296E-00	5.74634592E-00	1.13926912E-00
5.74634592E-00	5.74634592E-00	1.13926912E-00	2.27853824E-00
1.13926912E-00	1.13926912E-00	2.27853824E-00	4.53707648E-00
2.27853824E-00	2.27853824E-00	4.53707648E-00	8.9999928E-00
4.53707648E-00	4.53707648E-00	8.9999928E-00	1.801499696E-00
8.9999928E-00	8.9999928E-00	1.801499696E-00	3.60499848E-00
1.801499696E-00	1.801499696E-00	3.60499848E-00	7.0219848E-00
3.60499848E-00	3.60499848E-00	7.0219848E-00	1.41183664E-00
7.0219848E-00	7.0219848E-00	1.41183664E-00	2.82367296E-00
1.41183664E-00	1.41183664E-00	2.82367296E-00	5.74634592E-00
2.82367296E-00	2.82367296E-00	5.74634592E-00	1.13926912E-00
5.74634592E-00	5.74634592E-00	1.13926912E-00	2.27853824E-00
1.13926912E-00	1.13926912E-00	2.27853824E-00	4.53707648E-00
2.27853824E-00	2.27853824E-00	4.53707648E-00	8.9999928E-00
4.53707648E-00	4.53707648E-00	8.9999928E-00	1.801499696E-00
8.9999928E-00	8.9999928E-00	1.801499696E-00	3.60499848E-00
1.801499696E-00	1.801499696E-00	3.60499848E-00	7.0219848E-00
3.60499848E-00	3.60499848E-00	7.0219848E-00	1.41183664E-00
7.0219848E-00	7.0219848E-00	1.41183664E-00	2.82367296E-00
1.41183664E-00	1.41183664E-00	2.82367296E-00	5.74634592E-00
2.82367296E-00	2.82367296E-00	5.74634592E-00	1.13926912E-00
5.74634592E-00	5.74634592E-00	1.13926912E-00	2.27853824E-00

TABLE XX. (Continued)
 (keV m⁻³ sec⁻¹ /source neutron)

		1.000E 01 TO 1.200E 01 MEV SECONDARY GAMMAS					
		DELAY TIME (SEC)					
		5.00E-05	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04
RADIAL DISTANCE INTERVAL (METERS)	7.00E-05	1.00E-04	2.00E-04	4.00E-04	7.00E-04	1.00E-03	1.00E-03
0	0	0	0	0	0	0	0
10.	0	0	0	0	0	0	0
20.	0	0	0	0	0	0	0
40.	0	0	0	0	0	0	0
60.	0	0	0	0	0	0	0
80.	0	0	0	0	0	0	0
100.	0	0	0	0	0	0	0
120.	0	0	0	0	0	0	0
140.	0	0	0	0	0	0	0
160.	0	0	0	0	0	0	0
180.	0	0	0	0	0	0	0
200.	0	0	0	0	0	0	0
220.	0	0	0	0	0	0	0
240.	0	0	0	0	0	0	0
260.	0	0	0	0	0	0	0
280.	0	0	0	0	0	0	0
300.	0	0	0	0	0	0	0
320.	0	0	0	0	0	0	0
340.	0	0	0	0	0	0	0
360.	0	0	0	0	0	0	0
380.	0	0	0	0	0	0	0
400.	0	0	0	0	0	0	0
450.	0	0	0	0	0	0	0
500.	0	0	0	0	0	0	0
600.	0	0	0	0	0	0	0
800.	0	0	0	0	0	0	0
1000.	0	0	0	0	0	0	0
1200.	0	0	0	0	0	0	0
1400.	0	0	0	0	0	0	0
1600.	0	0	0	0	0	0	0
1800.	0	0	0	0	0	0	0
2000.	0	0	0	0	0	0	0
2200.	0	0	0	0	0	0	0
2400.	0	0	0	0	0	0	0
2600.	0	0	0	0	0	0	0
2800.	0	0	0	0	0	0	0
3000.	0	0	0	0	0	0	0
3200.	0	0	0	0	0	0	0
3400.	0	0	0	0	0	0	0
3600.	0	0	0	0	0	0	0
3800.	0	0	0	0	0	0	0
4000.	0	0	0	0	0	0	0
4500.	0	0	0	0	0	0	0
5000.	0	0	0	0	0	0	0
6000.	0	0	0	0	0	0	0
8000.	0	0	0	0	0	0	0
10000.	0	0	0	0	0	0	0
12000.	0	0	0	0	0	0	0
14000.	0	0	0	0	0	0	0
16000.	0	0	0	0	0	0	0
18000.	0	0	0	0	0	0	0
20000.	0	0	0	0	0	0	0
22000.	0	0	0	0	0	0	0
24000.	0	0	0	0	0	0	0
26000.	0	0	0	0	0	0	0
28000.	0	0	0	0	0	0	0
30000.	0	0	0	0	0	0	0
32000.	0	0	0	0	0	0	0
34000.	0	0	0	0	0	0	0
36000.	0	0	0	0	0	0	0
38000.	0	0	0	0	0	0	0
40000.	0	0	0	0	0	0	0
45000.	0	0	0	0	0	0	0
50000.	0	0	0	0	0	0	0
60000.	0	0	0	0	0	0	0
80000.	0	0	0	0	0	0	0
100000.	0	0	0	0	0	0	0
120000.	0	0	0	0	0	0	0
140000.	0	0	0	0	0	0	0
160000.	0	0	0	0	0	0	0
180000.	0	0	0	0	0	0	0
200000.	0	0	0	0	0	0	0
220000.	0	0	0	0	0	0	0
240000.	0	0	0	0	0	0	0
260000.	0	0	0	0	0	0	0
280000.	0	0	0	0	0	0	0
300000.	0	0	0	0	0	0	0
320000.	0	0	0	0	0	0	0
340000.	0	0	0	0	0	0	0
360000.	0	0	0	0	0	0	0
380000.	0	0	0	0	0	0	0
400000.	0	0	0	0	0	0	0
450000.	0	0	0	0	0	0	0
500000.	0	0	0	0	0	0	0
600000.	0	0	0	0	0	0	0
800000.	0	0	0	0	0	0	0
1000000.	0	0	0	0	0	0	0
1200000.	0	0	0	0	0	0	0
1400000.	0	0	0	0	0	0	0
1600000.	0	0	0	0	0	0	0
1800000.	0	0	0	0	0	0	0
2000000.	0	0	0	0	0	0	0
2200000.	0	0	0	0	0	0	0
2400000.	0	0	0	0	0	0	0
2600000.	0	0	0	0	0	0	0
2800000.	0	0	0	0	0	0	0
3000000.	0	0	0	0	0	0	0
3200000.	0	0	0	0	0	0	0
3400000.	0	0	0	0	0	0	0
3600000.	0	0	0	0	0	0	0
3800000.	0	0	0	0	0	0	0
4000000.	0	0	0	0	0	0	0
4500000.	0	0	0	0	0	0	0
5000000.	0	0	0	0	0	0	0
6000000.	0	0	0	0	0	0	0
8000000.	0	0	0	0	0	0	0
10000000.	0	0	0	0	0	0	0
12000000.	0	0	0	0	0	0	0
14000000.	0	0	0	0	0	0	0
16000000.	0	0	0	0	0	0	0
18000000.	0	0	0	0	0	0	0
20000000.	0	0	0	0	0	0	0
22000000.	0	0	0	0	0	0	0
24000000.	0	0	0	0	0	0	0
26000000.	0	0	0	0	0	0	0
28000000.	0	0	0	0	0	0	0
30000000.	0	0	0	0	0	0	0
32000000.	0	0	0	0	0	0	0
34000000.	0	0	0	0	0	0	0
36000000.	0	0	0	0	0	0	0
38000000.	0	0	0	0	0	0	0
40000000.	0	0	0	0	0	0	0
45000000.	0	0	0	0	0	0	0
50000000.	0	0	0	0	0	0	0
60000000.	0	0	0	0	0	0	0
80000000.	0	0	0	0	0	0	0
100000000.	0	0	0	0	0	0	0
120000000.	0	0	0	0	0	0	0
140000000.	0	0	0	0	0	0	0
160000000.	0	0	0	0	0	0	0
180000000.	0	0	0	0	0	0	0
200000000.	0	0	0	0	0	0	0
220000000.	0	0	0	0	0	0	0
240000000.	0	0	0	0	0	0	0
260000000.	0	0	0	0	0	0	0
280000000.	0	0	0	0	0	0	0
300000000.	0	0	0	0	0	0	0
320000000.	0	0	0	0	0	0	0
340000000.	0	0	0	0	0	0	0
360000000.	0	0	0	0	0	0	0
380000000.	0	0	0	0	0	0	0
400000000.	0	0	0	0	0	0	0
450000000.	0	0	0	0	0	0	0
500000000.	0	0	0	0	0	0	0
600000000.	0	0	0	0	0	0	0
800000000.	0	0	0	0	0	0	0
1000000000.	0	0	0	0	0	0	0
1200000000.	0	0	0	0	0	0	0
1400000000.	0	0	0	0	0	0	0
1600000000.	0	0	0	0	0	0	0
1800000000.	0	0	0	0	0	0	0
2000000000.	0	0	0	0	0	0	0
2200000000.	0	0	0	0	0	0	0
2400000000.	0	0	0	0	0	0	0
2600000000.	0	0	0	0	0	0	0
2800000000.	0	0	0	0	0	0	0
3000000000.	0	0	0	0	0	0	0
3200000000.	0	0	0	0	0	0	0
3400000000.	0	0	0	0	0	0	0
3600000000.	0	0	0	0	0	0	0
3800000000.	0	0	0	0	0	0	0
4000000000.	0	0	0	0	0	0	0
4500000000.	0	0	0	0	0	0	0
5000000000.	0	0	0	0	0	0	0
6000000000.	0	0	0	0	0	0	0
8000000000.	0	0	0	0	0	0	0
10000000000.	0	0	0	0	0	0	0
12000000000.	0	0	0	0	0	0	0
14000000000.	0	0	0	0	0	0	0
16000000000.	0	0	0	0	0	0	0
18000000000.	0	0	0	0	0	0	0
20000000000.	0	0	0	0	0	0	0
22000000000.	0	0	0	0	0	0	0
24000000000.	0	0	0	0	0	0	0
26000000000.	0	0	0	0	0	0	0
28000000000.	0	0	0	0	0	0	0
30000000000.	0	0	0	0	0	0	0
32000000000.	0	0	0	0	0	0	0
34000000000.	0	0	0	0	0	0	0
36000000000.	0	0	0	0	0	0	0
38000000000.	0	0	0	0	0	0	0
40000000000.	0	0	0	0	0	0	0

TABLE XX. (Continued)
 $(\text{kev m}^{-3} \text{sec}^{-1}/\text{source neutron})$

RADIAL DISTANCE INTERVAL (METERS)	1.000E 01 TO 1.200E 01 MEV SECONDARY GAMMAS		
	TIME (SEC)	1.00E -03	2.00E -03
1.0	3.50E -03	3.50E -03	1.50E -02
2.0	3.00E -03	3.00E -03	1.00E -01
3.0	2.50E -03	2.50E -03	0.00E +00
4.0	2.00E -03	2.00E -03	0.00E +00
5.0	1.50E -03	1.50E -03	0.00E +00
6.0	1.20E -03	1.20E -03	0.00E +00
7.0	1.00E -03	1.00E -03	0.00E +00
8.0	8.00E -04	8.00E -04	0.00E +00
9.0	6.00E -04	6.00E -04	0.00E +00
10.0	4.00E -04	4.00E -04	0.00E +00
11.0	2.00E -04	2.00E -04	0.00E +00
12.0	1.00E -04	1.00E -04	0.00E +00
13.0	5.00E -05	5.00E -05	0.00E +00
14.0	2.00E -05	2.00E -05	0.00E +00
15.0	1.00E -05	1.00E -05	0.00E +00
16.0	5.00E -06	5.00E -06	0.00E +00
17.0	2.00E -06	2.00E -06	0.00E +00
18.0	1.00E -06	1.00E -06	0.00E +00
19.0	5.00E -07	5.00E -07	0.00E +00
20.0	2.00E -07	2.00E -07	0.00E +00
21.0	1.00E -07	1.00E -07	0.00E +00
22.0	5.00E -08	5.00E -08	0.00E +00
23.0	2.00E -08	2.00E -08	0.00E +00
24.0	1.00E -08	1.00E -08	0.00E +00
25.0	5.00E -09	5.00E -09	0.00E +00
26.0	2.00E -09	2.00E -09	0.00E +00
27.0	1.00E -09	1.00E -09	0.00E +00
28.0	5.00E -10	5.00E -10	0.00E +00
29.0	2.00E -10	2.00E -10	0.00E +00
30.0	1.00E -10	1.00E -10	0.00E +00
31.0	5.00E -11	5.00E -11	0.00E +00
32.0	2.00E -11	2.00E -11	0.00E +00
33.0	1.00E -11	1.00E -11	0.00E +00
34.0	5.00E -12	5.00E -12	0.00E +00
35.0	2.00E -12	2.00E -12	0.00E +00
36.0	1.00E -12	1.00E -12	0.00E +00
37.0	5.00E -13	5.00E -13	0.00E +00
38.0	2.00E -13	2.00E -13	0.00E +00
39.0	1.00E -13	1.00E -13	0.00E +00
40.0	5.00E -14	5.00E -14	0.00E +00
41.0	2.00E -14	2.00E -14	0.00E +00
42.0	1.00E -14	1.00E -14	0.00E +00
43.0	5.00E -15	5.00E -15	0.00E +00
44.0	2.00E -15	2.00E -15	0.00E +00
45.0	1.00E -15	1.00E -15	0.00E +00
46.0	5.00E -16	5.00E -16	0.00E +00
47.0	2.00E -16	2.00E -16	0.00E +00
48.0	1.00E -16	1.00E -16	0.00E +00
49.0	5.00E -17	5.00E -17	0.00E +00
50.0	2.00E -17	2.00E -17	0.00E +00
51.0	1.00E -17	1.00E -17	0.00E +00
52.0	5.00E -18	5.00E -18	0.00E +00
53.0	2.00E -18	2.00E -18	0.00E +00
54.0	1.00E -18	1.00E -18	0.00E +00
55.0	5.00E -19	5.00E -19	0.00E +00
56.0	2.00E -19	2.00E -19	0.00E +00
57.0	1.00E -19	1.00E -19	0.00E +00
58.0	5.00E -20	5.00E -20	0.00E +00
59.0	2.00E -20	2.00E -20	0.00E +00
60.0	1.00E -20	1.00E -20	0.00E +00
61.0	5.00E -21	5.00E -21	0.00E +00
62.0	2.00E -21	2.00E -21	0.00E +00
63.0	1.00E -21	1.00E -21	0.00E +00
64.0	5.00E -22	5.00E -22	0.00E +00
65.0	2.00E -22	2.00E -22	0.00E +00
66.0	1.00E -22	1.00E -22	0.00E +00
67.0	5.00E -23	5.00E -23	0.00E +00
68.0	2.00E -23	2.00E -23	0.00E +00
69.0	1.00E -23	1.00E -23	0.00E +00
70.0	5.00E -24	5.00E -24	0.00E +00
71.0	2.00E -24	2.00E -24	0.00E +00
72.0	1.00E -24	1.00E -24	0.00E +00
73.0	5.00E -25	5.00E -25	0.00E +00
74.0	2.00E -25	2.00E -25	0.00E +00
75.0	1.00E -25	1.00E -25	0.00E +00
76.0	5.00E -26	5.00E -26	0.00E +00
77.0	2.00E -26	2.00E -26	0.00E +00
78.0	1.00E -26	1.00E -26	0.00E +00
79.0	5.00E -27	5.00E -27	0.00E +00
80.0	2.00E -27	2.00E -27	0.00E +00
81.0	1.00E -27	1.00E -27	0.00E +00
82.0	5.00E -28	5.00E -28	0.00E +00
83.0	2.00E -28	2.00E -28	0.00E +00
84.0	1.00E -28	1.00E -28	0.00E +00
85.0	5.00E -29	5.00E -29	0.00E +00
86.0	2.00E -29	2.00E -29	0.00E +00
87.0	1.00E -29	1.00E -29	0.00E +00
88.0	5.00E -30	5.00E -30	0.00E +00
89.0	2.00E -30	2.00E -30	0.00E +00
90.0	1.00E -30	1.00E -30	0.00E +00
91.0	5.00E -31	5.00E -31	0.00E +00
92.0	2.00E -31	2.00E -31	0.00E +00
93.0	1.00E -31	1.00E -31	0.00E +00
94.0	5.00E -32	5.00E -32	0.00E +00
95.0	2.00E -32	2.00E -32	0.00E +00
96.0	1.00E -32	1.00E -32	0.00E +00
97.0	5.00E -33	5.00E -33	0.00E +00
98.0	2.00E -33	2.00E -33	0.00E +00
99.0	1.00E -33	1.00E -33	0.00E +00
100.0	5.00E -34	5.00E -34	0.00E +00
101.0	2.00E -34	2.00E -34	0.00E +00
102.0	1.00E -34	1.00E -34	0.00E +00
103.0	5.00E -35	5.00E -35	0.00E +00
104.0	2.00E -35	2.00E -35	0.00E +00
105.0	1.00E -35	1.00E -35	0.00E +00
106.0	5.00E -36	5.00E -36	0.00E +00
107.0	2.00E -36	2.00E -36	0.00E +00
108.0	1.00E -36	1.00E -36	0.00E +00
109.0	5.00E -37	5.00E -37	0.00E +00
110.0	2.00E -37	2.00E -37	0.00E +00
111.0	1.00E -37	1.00E -37	0.00E +00
112.0	5.00E -38	5.00E -38	0.00E +00
113.0	2.00E -38	2.00E -38	0.00E +00
114.0	1.00E -38	1.00E -38	0.00E +00
115.0	5.00E -39	5.00E -39	0.00E +00
116.0	2.00E -39	2.00E -39	0.00E +00
117.0	1.00E -39	1.00E -39	0.00E +00
118.0	5.00E -40	5.00E -40	0.00E +00
119.0	2.00E -40	2.00E -40	0.00E +00
120.0	1.00E -40	1.00E -40	0.00E +00
121.0	5.00E -41	5.00E -41	0.00E +00
122.0	2.00E -41	2.00E -41	0.00E +00
123.0	1.00E -41	1.00E -41	0.00E +00
124.0	5.00E -42	5.00E -42	0.00E +00
125.0	2.00E -42	2.00E -42	0.00E +00
126.0	1.00E -42	1.00E -42	0.00E +00
127.0	5.00E -43	5.00E -43	0.00E +00
128.0	2.00E -43	2.00E -43	0.00E +00
129.0	1.00E -43	1.00E -43	0.00E +00
130.0	5.00E -44	5.00E -44	0.00E +00
131.0	2.00E -44	2.00E -44	0.00E +00
132.0	1.00E -44	1.00E -44	0.00E +00
133.0	5.00E -45	5.00E -45	0.00E +00
134.0	2.00E -45	2.00E -45	0.00E +00
135.0	1.00E -45	1.00E -45	0.00E +00
136.0	5.00E -46	5.00E -46	0.00E +00
137.0	2.00E -46	2.00E -46	0.00E +00
138.0	1.00E -46	1.00E -46	0.00E +00
139.0	5.00E -47	5.00E -47	0.00E +00
140.0	2.00E -47	2.00E -47	0.00E +00
141.0	1.00E -47	1.00E -47	0.00E +00
142.0	5.00E -48	5.00E -48	0.00E +00
143.0	2.00E -48	2.00E -48	0.00E +00
144.0	1.00E -48	1.00E -48	0.00E +00
145.0	5.00E -49	5.00E -49	0.00E +00
146.0	2.00E -49	2.00E -49	0.00E +00
147.0	1.00E -49	1.00E -49	0.00E +00
148.0	5.00E -50	5.00E -50	0.00E +00
149.0	2.00E -50	2.00E -50	0.00E +00
150.0	1.00E -50	1.00E -50	0.00E +00
151.0	5.00E -51	5.00E -51	0.00E +00
152.0	2.00E -51	2.00E -51	0.00E +00
153.0	1.00E -51	1.00E -51	0.00E +00
154.0	5.00E -52	5.00E -52	0.00E +00
155.0	2.00E -52	2.00E -52	0.00E +00
156.0	1.00E -52	1.00E -52	0.00E +00
157.0	5.00E -53	5.00E -53	0.00E +00
158.0	2.00E -53	2.00E -53	0.00E +00
159.0	1.00E -53	1.00E -53	0.00E +00
160.0	5.00E -54	5.00E -54	0.00E +00
161.0	2.00E -54	2.00E -54	0.00E +00
162.0	1.00E -54	1.00E -54	0.00E +00
163.0	5.00E -55	5.00E -55	0.00E +00
164.0	2.00E -55	2.00E -55	0.00E +00
165.0	1.00E -55	1.00E -55	0.00E +00
166.0	5.00E -56	5.00E -56	0.00E +00
167.0	2.00E -56	2.00E -56	0.00E +00
168.0	1.00E -56	1.00E -56	0.00E +00
169.0	5.00E -57	5.00E -57	0.00E +00
170.0	2.00E -57	2.00E -57	0.00E +00
171.0	1.00E -57	1.00E -57	0.00E +00
172.0	5.00E -58	5.00E -58	0.00E +00
173.0	2.00E -58	2.00E -58	0.00E +00
174.0	1.00E -58	1.00E -58	0.00E +00
175.0	5.00E -59	5.00E -59	0.00E +00
176.0	2.00E -59	2.00E -59	0.00E +00
177.0	1.00E -59	1.00E -59	0.00E +00
178.0	5.00E -60	5.00E -60	0.00E +00
179.0	2.00E -60	2.00E -60	0.00E +00
180.0	1.00E -60	1.00E -60	0.00E +00
181.0	5.00E -61	5.00E -61	0.00E +00
182.0	2.00E -61	2.00E -61	0.00E +00
183.0	1.00E -61	1.00E -61	0.00E +00
184.0	5.00E -62	5.00E -62	0.00E +00
185.0	2.00E -62	2.00E -62	0.00E +00
186.0	1.00E -62	1.00E -62	0.00E +00
187.0	5.00E -63	5.00E -63	0.00E +00
188.0	2.00E -63	2.00E -63	0.00E +00
189.0	1.00E -63	1.00E -63	0.00E +00
190.0	5.00E -64	5.00E -64	0.00E +00
191.0	2.00E -64	2.00E -64	0.00E +00
192.0	1.00E -64	1.00E -64	0.00E +00
193.0	5.00E -65	5.00E -65	0.00E +00
194.0	2.00E -65	2.00E -65	0.00E +00
195.0	1.00E -65	1.00E -65	0.00E +00
196.0	5.00E -66	5.00E -66	0.00E +00
197.0	2.00E -66	2.00E -66	0.00E +00
198.0	1.00E -66	1.00E -66	0.00E +00
199.0	5.00E -67	5.00E -67	0.00E +00
200.0	2.00E -67	2.00E -67	0.00E +00
201.0	1.00E -67	1.00E -67	0.00E +00
202.0	5.00E -68	5.00E -68	0.00E +00
203.0	2.00E -68	2.00E -68	0.00E +00
204.0	1.00E -68	1.00E -68	0.00E +00
205.0	5.00E -69	5.00E -69	0.00E +00
206.0	2.00E -69	2.00E -69	0.00E +00
207.0	1.00E -69		

TABLE XXI. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 12.0 TO 13.5 MeV

(keV m⁻³ sec⁻¹/source neutron)

TABLE XXI. (Continued)

TABLE XXI. (Continued)

TABLE XXI. (Continued)

TABLE XXII. TIME-DEPENDENT SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS
RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING
UNIFORMLY IN THE ENERGY INTERVAL FROM 13.5 TO 15.0

(keV m⁻³ sec⁻¹/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC)			TOTAL ENERGY DEPOSITION/SEC
	0.0E 00	2.00E-07	3.00E-07	
0.0	1.0E 00	1.603E 03	1.405E 03	3.715E 08
1.0	2.0E 00	1.742E 02	1.227E 02	6.359E 08
2.0	4.0E 00	1.525E 02	1.039E 02	4.085E 08
4.0	8.0E 00	1.668E 02	1.449E 02	2.333E 08
6.0	1.250E 01	1.444E 02	1.000E 02	1.450E 08
8.0	1.750E 01	1.792E 02	1.365E 02	1.000E 08
1.0	2.500E 01	1.356E 02	1.000E 02	6.667E 07
1.25	3.500E 01	1.036E 02	7.893E 02	4.500E 07
1.5	4.500E 01	7.926E 02	6.144E 02	3.000E 07
1.75	5.500E 01	6.295E 02	4.887E 02	2.000E 07
2.0	6.500E 01	5.030E 02	4.014E 02	1.400E 07
2.25	7.500E 01	4.073E 02	3.214E 02	1.000E 07
2.5	8.500E 01	3.359E 02	2.589E 02	7.000E 06
2.75	9.500E 01	2.809E 02	2.144E 02	5.000E 06
3.0	1.050E 02	2.435E 02	1.848E 02	3.500E 06
3.25	1.150E 02	2.154E 02	1.614E 02	2.500E 06
3.5	1.250E 02	1.952E 02	1.444E 02	1.800E 06
3.75	1.350E 02	1.824E 02	1.314E 02	1.300E 06
4.0	1.450E 02	1.767E 02	1.214E 02	9.500E 05
4.25	1.550E 02	1.792E 02	1.134E 02	7.000E 05
4.5	1.650E 02	1.897E 02	1.064E 02	5.000E 05
4.75	1.750E 02	2.082E 02	1.004E 02	3.500E 05
5.0	1.850E 02	2.347E 02	9.44E 01	2.500E 05
5.25	1.950E 02	2.696E 02	8.94E 01	1.800E 05
5.5	2.050E 02	3.035E 02	8.44E 01	1.300E 05
5.75	2.150E 02	3.364E 02	7.94E 01	9.500E 05
6.0	2.250E 02	3.683E 02	7.44E 01	7.000E 05
6.25	2.350E 02	4.002E 02	6.94E 01	5.000E 05
6.5	2.450E 02	4.311E 02	6.44E 01	3.500E 05
6.75	2.550E 02	4.619E 02	5.94E 01	2.500E 05
7.0	2.650E 02	4.927E 02	5.44E 01	1.800E 05
7.25	2.750E 02	5.235E 02	4.94E 01	1.300E 05
7.5	2.850E 02	5.543E 02	4.44E 01	9.500E 05
7.75	2.950E 02	5.851E 02	3.94E 01	7.000E 05
8.0	3.050E 02	6.159E 02	3.44E 01	5.000E 05
8.25	3.150E 02	6.467E 02	2.94E 01	3.500E 05
8.5	3.250E 02	6.775E 02	2.44E 01	2.500E 05
8.75	3.350E 02	7.083E 02	1.94E 01	1.800E 05
9.0	3.450E 02	7.391E 02	1.44E 01	1.300E 05
9.25	3.550E 02	7.699E 02	9.44E 00	9.500E 05
9.5	3.650E 02	8.007E 02	4.44E 00	7.000E 05
9.75	3.750E 02	8.315E 02	0.00E 00	5.000E 05
10.0	3.850E 02	8.623E 02	0.00E 00	3.500E 05
10.25	3.950E 02	8.931E 02	0.00E 00	2.500E 05
10.5	4.050E 02	9.239E 02	0.00E 00	1.800E 05
10.75	4.150E 02	9.547E 02	0.00E 00	1.300E 05
11.0	4.250E 02	9.855E 02	0.00E 00	9.500E 05
11.25	4.350E 02	1.016E 03	0.00E 00	7.000E 05
11.5	4.450E 02	1.047E 03	0.00E 00	5.000E 05
11.75	4.550E 02	1.078E 03	0.00E 00	3.500E 05
12.0	4.650E 02	1.109E 03	0.00E 00	2.500E 05
12.25	4.750E 02	1.140E 03	0.00E 00	1.800E 05
12.5	4.850E 02	1.171E 03	0.00E 00	1.300E 05
12.75	4.950E 02	1.202E 03	0.00E 00	9.500E 05
13.0	5.050E 02	1.233E 03	0.00E 00	7.000E 05
13.25	5.150E 02	1.264E 03	0.00E 00	5.000E 05
13.5	5.250E 02	1.295E 03	0.00E 00	3.500E 05
13.75	5.350E 02	1.326E 03	0.00E 00	2.500E 05
14.0	5.450E 02	1.357E 03	0.00E 00	1.800E 05
14.25	5.550E 02	1.388E 03	0.00E 00	1.300E 05
14.5	5.650E 02	1.419E 03	0.00E 00	9.500E 05
14.75	5.750E 02	1.450E 03	0.00E 00	7.000E 05
15.0	5.850E 02	1.481E 03	0.00E 00	5.000E 05

TABLE XXII. (Continued)

TABLE XXII. (Continued)

TABLE XXII. (Continued)
 $(\text{keV m}^{-3} \text{ sec}^{-1}/\text{source neutron})$

TABLE XXII. SECONDARY GAMMA-RAY ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE AND NEUTRON SOURCE ENERGY INTERVAL FOR POINT ISOTROPIC NEUTRON SOURCES

TABLE XXIII. (Continued)
 (keV m⁻³/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	SECONDARY ENERGY BOUNDS (MEV)	
	SOURCE ENERGY	SECONDARY GAMMAS
3.03E-01	5.00E-01 - 8.23E-01	1.353E 00 - 1.738E 00
3.00E-01	8.23E-01 - 1.353E 00	2.232E 00 - 2.286E 00
10.0	0.00E+00 - 0.00E+00	0.00E+00 - 0.00E+00
TOTAL	3.347E 02	3.287E 02 - 3.144E 02

TABLE XXIII. (Continued)
 $(keV m^{-3}/source neutron)$

TABLE XXIII. (Continued)
 (keV m⁻³/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	SECONDARY GAMMAS SOURCE ENERGY BOUNDS (MEV)	
	1.350E 01	1.350E 01
1.0	3.205E -04	3.205E -04
2.0	2.025E -04	2.025E -04
3.0	1.240E -04	1.240E -04
4.0	6.000E -05	6.000E -05
5.0	3.000E -05	3.000E -05
6.0	1.500E -05	1.500E -05
7.0	7.500E -06	7.500E -06
8.0	3.750E -06	3.750E -06
9.0	1.875E -06	1.875E -06
10.0	9.375E -07	9.375E -07
11.0	4.687E -07	4.687E -07
12.0	2.344E -07	2.344E -07
13.0	1.172E -07	1.172E -07
14.0	5.861E -08	5.861E -08
15.0	2.930E -08	2.930E -08
16.0	1.465E -08	1.465E -08
17.0	7.325E -09	7.325E -09
18.0	3.662E -09	3.662E -09
19.0	1.831E -09	1.831E -09
20.0	9.155E -10	9.155E -10
21.0	4.577E -10	4.577E -10
22.0	2.288E -10	2.288E -10
23.0	1.144E -10	1.144E -10
24.0	5.722E -11	5.722E -11
25.0	2.861E -11	2.861E -11
26.0	1.430E -11	1.430E -11
27.0	7.150E -12	7.150E -12
28.0	3.575E -12	3.575E -12
29.0	1.787E -12	1.787E -12
30.0	8.937E -13	8.937E -13
TOTAL	3.212E -03	

DISTRIBUTION

<u>No. Copies</u>		<u>No. Copies</u>	
<u>DOD AGENCIES</u>		<u>DEPARTMENT OF THE NAVY</u>	
2	Director Defense Nuclear Agency ATTN: RAAE Technical Library	1	Naval Research Laboratory ATTN: Technical Library
<u>ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION</u>		<u>DEPARTMENT OF THE AIR FORCE</u>	
3	Los Alamos Scientific Laboratory ATTN: J-10 (Dr. Guy Barasch) TD-3 (Dr. Bob Henson) J-15 (Dr. Gil Davis)	3	AF Geophysical Laboratories ATTN: OPR (H. Gardiner) OPR (Dr. At. T. Stair) OPR (Dr. R. Fenn)
1	Sandia Laboratories ATTN: A. D. Thornbrough	1	AF Institute of Technology ATTN: Library
3	EG&G, Inc. Los Alamos, NM ATTN: D. Wright Dr. K. Mitchell Dr. H. Stewart	3	AF Weapons Laboratory ATTN: Dr. Joe Janni Dr. C. Needham Col. T. W. Ciambrone
1	Lawrence Livermore Laboratory ATTN: Technical Library	2	SAMSO ATTN: SZS (Lt.Col. H. Hayden)
<u>DEPARTMENT OF THE ARMY</u>		4	AFTAC ATTN: TFR (Capt. Rasmusson)
2	US Army Waterways Experiment Station-Mobility and Environmental System Lab ATTN: Dr. L. E. Link Dr. Warren Grabau	5	<u>DOD CONTRACTORS</u> Radiation Research Associates ATTN: M. B. Wells
3	US Army Electronics Command Atmospheric Sciences Lab ATTN: Dr. Lewis Duncan Dr. Jerry Lentz Dr. Richard Gomez	1	Mission Research Corporation ATTN: Technical Library
		1	General Electric Co. - TEMPO ATTN: DNA Information and Analysis Center
		2	Defense Documentation Center ATTN: Document Control